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1975 Annual Coal, Oil and Gas Report

DEPARTMENT OF MINES AND MINERALS







#### STAT' OF ILLINOIS

# Ninety-fourth

## **COAL REPORT OF ILLINOIS**

1975

# DEPARTMENT OF MINES AND MINERALS

RUSSELL T. DAWE, Director

ROBERT PAUTLER, Assistant Director

CLARENCE STOCKS, Assistant Director



[Printed by authority of the State of Illinois.]





m 2 1975

#### LETTER OF TRANSMITTAL

#### STATE OF ILLINOIS, DEPARTMENT OF MINES AND MINERALS.

SPRINGFIELD, ILLINOIS, MAY 1, 1976

To His Excellency, Dan Walker, Governor State of Illinois, Springfield.

Sir: In compliance with the Illinois Revised Statutes, I am submitting herewith the Annual Report of the Illinois Department of Mines and Minerals for the year 1975. This report includes production, employment, and casualty figures for underground and surface mines; the annual report of the Division of Land Reclamation and the annual report of the Division of Oil and Gas.

Respectfully submitted,

RUSSELL T. DAWE, Director

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#### DIVISION OF LAND RECLAMATION

DIVISION OF OIL AND GAS

### DIRECTORS OF ILLINOIS—DEPARTMENT OF MINES AND MINERALS

Name	Years Served	Address	Remarks	
Newsam, Richard John, Evan D. Thompson, Joseph C. Medill, Robert M. Bott, Martin Lewis, A. D. Millhouse, John G. McSherry, James Medill, Robert M. Walker, Harold L. Moses, Thomson Cruse, Robert R. Starks, James W. Walker, Harold L. Eadie, Walter. Schull, B. H. Orlandi, W. J. Ruff, L. Leon Gulley, David L.  **McReaken, C. Dayton Daw, Russell.	1898-1912. 1917-1919. 1919-1920. 1920-1924. 1924-1926. 1926-1934. 1926-1934. 1930-1934. 1930-1934. 1941-1947. April 2 to October 1, 1947 October 1, 1947 to February 20, 1948. March 1, 1948 to January 16, 1949. January 17, 1949 to February 3, 1949. February 8 to April 18, 1949. April 19, 1949 to January 15, 1953. January 15, 1953 to August 31, 1961 September 1, 1961 to February 14, 1970. February 16, 1970 to December 31, 1971 January 1, 1972 to February 8, 1973. February 1, 1972 to February 8, 1973.	Peoria Spaulding Johnston City Roanoke Springfield. Springfield Springfield Litchfield DuCluoin Roanoke Urbana Danville Dowell Taylorville Urbana West Frankfort. Marion. Kincaid Collinsville Coello West Frankfort.	Died in office	

<sup>\*</sup>Acting Director

#### DEPARTMENT OF MINES AND MINERALS

RUSSELL T. DAWE, Director

Phone: 217-782-6791 Springfield, Illinois

ROBERT PAUTLER, Assistant Director

Phone: 618-439-4320 Benton, Illinois

CLARENCE STOCKS, Assistant Director

Phone: 618-439-4328 Benton, Illinois

#### MINING BOARD

RUSSELL T. DAWE, Executive Officer, Springfield, Illinois EDNA ROACH, Chief Clerk, 414 East Canedy, Springfield, Illinois JAMES NORTH, Secretary, 320 West Fulton Street, Marissa, Illinois

NELSON RULE, R. R. 1, Pinckneyville, Illinois RALPH CAREY, 1800 North Park Avenue, Herrin, Illinois JOE CRAGGS, Box 47 A, R. R. 3, Johnson Lane, Taylorville, Illinois

#### MINE RESCUE STATIONS

### SUPERINTENDENTS, ASSISTANTS AND STATION ADDRESSES

Benton - HARRY BATES, 503 E. Main Street
- WALTER MEYER, P. O. Box 158
- PAUL McCORMICK, 512 N. Hickory
- CLIFFORD HAFFORD, 1411 Locust

Elizabethtown – LOUIS ENGLISH, First Street Springfield – ROBERT DOWNS, 609 Princeton

#### ASSISTANT SUPERINTENDENTS

Benton – LEON WEST, 520 East Franklin, Sesser
Coulterville – WILLIAM COULSON, 309 E. Lyons, Marissa
– WILLIAM McCOLLUM, 524 East Keyes,

DuQuoin
- FERN CAGLE, 2437 West Locust

Elizabethtown – ARCHIE CORNELL, Route 1

Eldorado

Springfield - FRANK PETREIKIS, 810 N. 8th Street

#### MINERS' EXAMINING BOARD

GUY A. FERRARI, *President*, 232 Orchard, Zeigler, 62999 GAWAIN FRICK, *Secretary*, R. R. 1, Bonnie, 62816 JULIAN KOSKI, 807 First Street, Gillespie, 62033 JOHN W. REEDER, R. R. 2, Box 74, Harrisburg, 62946

#### METAL MINE INSPECTOR

FRANK GOLDEN, Herod, 62947

#### **GENERAL OFFICE**

Administrative Assistant: EDNA ROACH, 414 East Canedy, Springfield, 62703

Chief-Clerk: JOSEPH C. TABOR, R. R. 6, Springfield, 62707

Accountant: ADELE FUCHS, 400 West Cook, Springfield, 62704Secretary II: JAYNE TALBOTT, 146 Georgetown Drive, Springfield, 62702

Secretary II: EVELYN CUMMINGS, 2055 Cardinal Drive, Springfield, 62704

Clerk-Typist III: CHARLENE KESSLER, P. O. Box 11, Divernon, 62530

#### EXPLOSIVE INSPECTION AND MINE TRAINING SERVICE BENTON, ILLINOIS

ADMINISTRATOR: Donald Simpson, R. R. 2, Benton, Ill., 62812

INSPECTOR: James R. Storey, R. R. 1, Sesser, Ill., 62884

INSPECTOR: Lester W. Glynn, 58 Second St., LaSalle, Ill., 61301

INSPECTOR: Robert Anderson, 2917 Dale, Granite City, Ill., 62040

INSPECTOR: Donald Hafliger, 421 E. Esther, Taylorville, Ill., 62568

INSTRUCTORS: Russell Spitzner, 1201 N. Garfield, Marion, Ill., 62959
Wilbur Franklin, Box 121, Tilden, Ill., 62292
Thomas Pinnell, Box 73, Farmersville, Ill., 62533
Theodore Plumlee, Rte 3, West Frankfort, Ill.

### LIST OF STATE MINE INSPECTORS AND COUNTIES COMPRISING THEIR RESPECTIVE DISTRICTS

- JOHN HAMMOND, Box 109, Rushville, Illinois 62681, Fulton, Knox, Mercer, Peoria, and Jo Daviess.
- ALEXANDER JOHNSON, 651 East Main Street, Box 896, Cuba, Illinois 61427, Fulton, Peoria, Stark and Kankakee.
- CHARLES RENSHAW, 701 South 29th Street, Mt. Vernon, Illinois 62864, Jefferson and Perry.
- JOE GLADSON, P. O. Box 187, Raymond, Illinois 62560, Christian and Macoupin.
- BERNARD D. MARTIN, Box 73, Farmersville, Illinois 62533, Douglas, Montgomery, and Vermilion.
- MARTIN BARBER, P. O. Box 94, Johnston City, Illinois 62951, Perry, and Williamson.
- GEORGE T. WILLIAMS, 702 West Jones Street, West Frankfort, Illinois 62896, Franklin, Perry, and Randolph.
- ARTHUR JOE WILLIAMS, 715 Susan Esther, Benton, Illinois 62812, Perry, Randolph, and Wabash.
- BYRD RICH, 631 South Day, West Frankfort, Illinois 62896, Franklin, and Williamson.
- ROBERT PATE, 1 Lexington Manor, Harrisburg, Illinois 62946, Saline.
- JOHN MORTHLAND, State-Inspector-At-Large, 720 North Hughes Street, West Frankfort, Illinois 62896, Jefferson and Wahash.
- ROBERT JONES, 617 North Madison, Benton, Illinois 62812, Jefferson and Perry.
- JOHN FLEMING, 702 East Main, DuQuoin, Illinois 62832, Randolph, and St. Clair.
- ROBERT MELVIN, R. R. 1, West Frankfort, Illinois 62896, Johnson, Saline, and Williamson.
- BURNETT BAILEY, Coulterville, Illinois 62237, Gallatin.
- FRANK GOLDEN, Herod, Illinois 62947, Hardin, Pope, and Alexander.
- EDMUND GREZLAK, 207 S. Main, Zeigler, Illinois 62999, Jackson, Perry, Randolph, and Williamson.
- JAMES KOLISEK, 410 Bond Street, Benton, Illinois 62812, Johnson, Saline, and Williamson.

I General

#### I GENERAL-TABLE 1-

_				
No.	Name of Operator	County	Post Office	General Superintendent
1 2 3	Amax Coal Co., Delta Amax Coal Company, Leahy Amax Coal Company, Sun Spot	Williamson Perry	Marion	Levi Rigney
4	Amax Coal Co., Wabash	Wabash	Vermont	N. E. (Gene) Fithian
5	Big Ridge Coal Co	Saline	Carterville	Robert Greybeck Peter F. Homoya
6	I Brown Brothers Excavating	Saline	Harrisburg	John T. Brown
7 8	Central State Mining "Elk" Cold Water Coal Co	Perry	Marion	Frank L. White
9	Consolidation Coal Co., Burning Star #2.	Williamson	Marion	James L. Jobe
10	Consolidation Coal Co., Burning Star #3.	Perry	Pinckneyville	Miles W. Bell
11	Consolidation Coal., Burning Star #4	Perry	Sparta	Miles W. Bell
12	Consolidation Coal, Hillsboro	Montgomery	Coffeen	John Shotton
13	Consolidation Coal Co., Norris	Fulton	Norris	Amos W. Teague
14 15	E & B Coal Company.	Williamson	Carterville	Peter F. Homoya
16	E & L Coal Co	Johnson	Marion	Elvis Waldron
17	Freeman United Coal Mining Co. #4	Jefferson Williamson	Waltonville	Frank Padavic
18	Freeman United Coal Mining Co. #6	Jefferson	Marion	Frank Padavic
19	Freeman United Coal Mining Co. #11	Perry	DuQuoin	Frank Padavic
20	Freeman United Coal Mining Co. #17.	Fulton	Canton	Peter Spartin
21 22	Harger Mine #1, Pryor Mountain Const.	Randolph	Sparta	Harry B. Melvin
*23	Harrisburg Coal Co., #1	Williamson	Marion	Wm. G. Urton
24	Illinois Coal Oil & Gas Co.	Williamson Williamson	Marion	Robert L. Houston
25	Inland Steel Company	Jefferson	Marion	Philip Castellano
26	Jader Fuel Company #1	Saline	Shawneetown	E. H. Roberts Edward Downen
*27	Jader Fuel Company #2	Williamson	Shawneetown	Edward Downen
28 29	Lee Coal Company	Vermilion	Oakwood	Floyd W. Lee
30	Midland Coal Co., Allendale Midland Coal Co., Edwards	Stark	Wyoming	John Sense
31	Midland Coal Co., Elm Pit #1	Peoria	Edwards	John Sense
32	Midland Coal Co., Mecco	Knox	Victoria	Dale D. Teeters
33 34	Monterey Coal Company	Macoupin	Carlinville	Jon C. Jenkins
34	Old Ben Coal Co. #21	Franklin	Sesser	A. J. Webster
35	Old Ben Coal Co. #24	Franklin	Benton	A. J. Webster
36	Old Ben Coal Co. #26	Franklin	Sesser	A. J. Webster
37	Oxford Construction Co	Williamson	Oxford	Harry Oxford
38	Peabody Coal Co., #10	Christian	Pawnee	Joe Craggs
39	Perhady Carl Co. Paldwin			
40	Peabody Coal Co., Baldwin	Randolph Gallatin	Marissa	Ramon Gothard
41	Peabody Coal Co., Eagle #2.	Gallatin	Shawneetown	Harold Phillips
42	Peabody Coal Co., River King #1	St. Clair	Freeburg	Ramon Gothard
43	Peabody Coal Co., River King Strip	St. Clair	Lenzburg	H. Phillips
44 45	Peabody Coal Co., Will Scarlet	Williamson	Stonefort	Harold Phillips
46	Robertson & Associates "Eads Mine"	Jefferson	Mt. Vemon	
47	Sahara Coal Co., Inc. #20.	Saline	Harrisburg	J. A. Bottomley
48	Sahara Coal Co., Inc. #21.	Saline	Harrisburg Harrisburg	J. A. Bottomley J. A. Bottomley
49	Southwestern III. Coal Corp., Captain	Perry	Percy	Sam Shiflett
50	Southwestern III. Coal Corp., Streamline	Randolph	Percy	Clifton Copenhaver
51 52	Valley Mining Co., Inc. #1 Zeigler Coal Co., #4.	Fulton	Ipava	Larry Jacobus
53	Zeigler Coal Co., #4. Zeigler Coal Co., #5.	Williamson	Johnston City	Clyde Mandrell
54	Zeigler Coal Co., Murdock	Douglas	Murdock	Clyde Mandrell
55	Zeigler Coal Co. Spartan	Randolph	Sparta	Clyde Mandrell
56	Williamson Coal Co., Mine #1	Williamson	Energy	J. Vernell Choate
57 58	3 States Trucking, Inc. #1 3 States Trucking, Inc. #2	Williamson	Carbondale	James L. Burks
	o otacos macking, inc. #2	Jackson	Carbondale	James L. Burks

<sup>\*</sup>Same mine, different management.

#### DIRECTORY OF MINES-1975

Superintendent of Mine	Local Mine Manager	Address of Main Office of Company	No.
James Shepherd George Martin Jerry Reese Ralph Clark Ed Farley	Bert Chamness.	105 So. Meridian St., Indianapolis, IN. 46225 105 So. Meridian St., Indianapolis, IN. 46225 105 So. Meridian St., Indianapolis, IN. 46225 105 So. Meridian St., Indianapolis, IN. 46225 Drawer C., Carterville, IL. 62918 P. O. Box W.SS., Harrisburg, IL. 62946	1 2 3 4 5 6
Roger Knickerbocker		1305 E. Main St., Marion, IL. 62959 1015 W. Main, Marion, IL. 62959	7 8
Donald Del Bosco. Neil D. Rice C. R. Clinton Jim White Lary A. Fitch Emer Vachats.	James Peterson Galen E. Mitchell. Joe Puccetti Bert Chamness	P. O. Box #218, Pinckneyville, IL. 62274 P. O. Box 218, Pinckneyville, IL. 62274 214 Washington, Box C, Carterville, IL. 62918	9 10 11 12 13 14
Virgil Robinson. Ben N. Kincer. Pete M. Helmer Oscar W. Ernst R. D. Campbell Donald Waldron Fred Cooley	Howard O. Hill Wayne Hankins George J. Higgins.	R. R. #J, Marion, IL. 62959 300 W. Washington Ave., Chicago, IL. 60606 512 W. Main St., Carbondale, IL. 62901 P. D. Box 278, Marjon, IL. 62959	16 17 18 19 20 21
ried Cooley	Chas. H. Houston	Rt. 5, Box 104, Marion, IL. 62959 909 South Russell St., Marion, IL. 62959	23 24
Philip Downen	Jay P. Gibson Carl Mobley Bill Pate	Box 566, Sesser, IL. 62884 P. O. Box #620, Shawneetown, IL. 62984 P. O. Box #620, Shawneetown, IL. 62984	25 26 27
Robert D. Gilstrap. Robert Dollar Les L. Lowe Mike Arne A. B. Floyd Curtis T. McCormick	John J. Sense. H. W. Carney	P. O. Box 188, Oakwood, IL. 61858 P. O. Box #6 Trivoli, IL. 62984 P. O. Box #6 Trivoli, IL. 62984	28 29 30 31 32 33
Bernard Dunnigan, Luther Litton and J. W. Merrell Harry Lovell	Orval H. Murray, C. M. Reed and. John Reynolds James T. Green, L. T. Grogen and.	125 S, Wacker Drive, Chicago, IL. 60606	34
Wm. A. Young	R. R. Morris U. S. Cavinder, James E. Hilliard and. R. M. Spillman	125 S. Wacker Drive, Chicago, IL. 60606	35 36
Gene Taglioli	Edward Drea and	200 W. Jefferson, Marion, IL. 62959	37 38
D. L. Gilmartin Bob L. Hart. C. A. Frost Chas. E. Moake G. Sirpless Carl V. Beasley Dan Wild Carl D. Griffiths Tom Goldman James Hill Harold Talley Alvis Whaley	John E. Hull Bill Eveland. Wm. Gholson Robt. E. Nerone  Dayton Dallas Thurman Gulley John H. Lane  Ben Littlehale Henry Shackleford	301 N. Memorial Dr., St. Louis, MO. 63102 P. O. Box 235, St. Louis, MO. 63106 P. O. Box 235, St. Louis, MO. 63106 301 N. Memorial Dr., St. Louis, MO. 63102 Box 7588, Mt. Vernon, IL. 62864 Sg. E. Van Buren St., Chicago, IL. 60056 Sg. E. Van Buren St., Chicago, IL. 60056 Sg. E. Van Buren St., Chicago, IL. 60056 Arch Mineral Corp., Posogo, 14743, St. Louis, MO. 63178 Arch Mineral Corp., 500 Broadway, St. Louis, MO. 63178 Box 86, Lewistown, IL. 61542 208 S. LaSalle St., Chicago, IL. 60604 208 S. LaSalle St., Chicago, IL. 60604	39 40 41 42 43 44 45 46 47 48 49 50 51 51 52
Robert Hinkle Robert Wallace  J. T. Johnson Tom Norrod	Bill Wininger Richard Lemon  Wm. Tuell  Tom Norrod	208 S. LaSalle St. Chicago, IL. 60604 208 S. LaSalle St. Chicago, IL. 60604 Box 10, Energy, IL. 62933 Box 3281, Carbondale, IL. 62901 Box 3281, Carbondale, IL. 62901	54 55 56 57 58



# I GENERAL—TABLE 2 GENERAL STATEMENT WITH COMPARATIVE FIGURES— 1971-1975

1975	1974	1973	1972	1971
20	21	22	22	22
57	55	56	59	63
21	23	24	26	27
36	32	32	33	36
59,539,019	58,072,640	61,548,670	65,521,394	58,415,239
31,880,083	31,104,112	32,577,353	31,715,795	29,453,926
27,658,936	26,968,528	28,971,317	33,805,599	28,961,313
48,548,219	47,618,180	51,291,010	49,079,672	44,654,620
2,962,926	2,231,921	2,169,781	5,963,238	5,018,108
8,027,874	8,222,539	8,087,879	10,478,484	8,742,511
9,549	8,718	7,794	7,870	7.088
4,097	3,749	3,615	3,367	3,483
13,646	12,467	11,409	11,237	10,571
243	217	211	222	215
189	191	197	216	161
205	202	203	219	184
47 31,880,083 27,650,393	36 31,104,112 26,968,528	35 32,577,353 28,971,317	36 31,715,795 33,805,599	29,453,926 28,961,313
52	35	31	41	44
138	133	133	118	115
31,880,083	31,104,112	32,577,353	31,715,795	29,453,926
50,340,544 8,416 6,182,805 265,250	45,414,647 119,650 9,230,510 21,454,270	85,691,327 1,760,640 69,339	68,753,332 994,165 468,834 127,690	54,132,574 40,000 707,512 169,953
142	104	97	79	89
8 577 7,442,377 103,187 1,706 24	12 465 4,839,387 124,887 1,039 27	6 488 10,258,111 126,124 1,902 23	11 607 5,956,490 107,943 1,022	15 535 3,894,349 109,187 704 20
21	23	24	26	27
10	11	11	13	15
15	17	17	22	19
	200 57 21 36 59.539.019 31.890.083 27,658,936 48,548,219 2.962,926 8,027,874 243 243 205 2138 31.880.083 27,650.393 27,65	20 21 57 55 21 23 36 32 59,539,019 58,072,640 31,880,083 27,658,936 26,936,528 48,548,219 47,618,180 2,962,926 2,231,921 8,027,874 8,222,539 9,549 8,718 4,097 3,749 13,646 12,467 243 191 205 202 27,550,393 31,104,112 27,550,393 31,104,112 26,968,528 52 35 138 31,880,083 31,104,112 27,650,393 31,104,112 26,968,528 52 35 138 31,880,083 31,104,112 26,968,528 52 35 138 31,880,083 31,104,112 27,650,393 26,968,528 10,218,205 9,230,510 26,5250 9,230,510 21,454,270 142 104 8 16 57,442,377 4,833,387 103,187 103,187 1,766 1,039 24 27 21 23 10 11	20 21 22 22 24 3 24 32 32 32 32 32 32 32 32 32 32 32 32 32	20 21 22 22 22 22 257 57 55 56 59 36 33 32 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 32 33 31,800,833 31,104,112 32,577,353 31,715,795 26,926 22,331,921 2,169,781 5,933,238 8,027,874 8,222,539 8,087,879 10,478,484 9,549 8,222,539 8,087,879 10,478,484 9,549 8,222,539 8,087,879 10,478,484 10,97 3,749 3,749 3,615 3,367 13,646 12,467 11,409 11,237 26 20 20 20 20 20 20 20 20 20 20 20 20 20

#### MINES SUSPENDING OPERATIONS DURING 1975 SHOWING MONTH OF LAST OPERATION

Mine Index Number	Operator	County	Month of Last Operation
L-128	Big Ridge Coal Company	Schuyler	December
L-198	Glynn Baxter Mine		September
L-150	Midland Coal Co., Edwards Mine.		September
S-21	Pine Ridge Fuel, Inc.		July
L-258	Western Mining, Inc.		June

#### MINES ABANDONED DURING 1975 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of Last Operation
L-220	V-Day Coal Company	Vermilion	November

#### NEW MINES OPENED - 1975

Mine Index Number	Operator	County	Month Mine Opened
L-198 L-260 L-242 S-45 S-27 L-13 L-11 L-74 L-258 L-259	Glynn Baxter Mine Illinois Coal, Oil and Gas #1 Lee Coal Company Midland Coal Company, Rapatee Mine Old Ben Coal Company #25. Oxford Construction Company #15. Pryor Mountain Construction Company, Inc. Harger #1 Three States Truck, Inc. #2 Western Mining, Inc. Williamson Coal Company	Schuyler Williamson Vermilion. Fulton Franklin Johnson Randolph Jackson Williamson Williamson	February December June July September July April July August August August

### **II** Production



#### II PRODUCTION—TABLE 3— AVERAGE MAN-DAY PRODUCTION—ALL MINES

County	Reports Tabulated	Man-Days	Tons Mined	Percent of Mines Reported	Average Ton: Per Man-Day
CHRISTIAN					
Underground Mines	1	253,202	4,102,982	100%	16.2
Strip Mines			.,,,,,,,,,		
DOUGLAS					
Underground Mines	2	163,097	2,565,945	100%	15.7
Strip Mines					
FRANKLIN	1				
Underground Mines	3	331,211	5,033,520	100%	15.2
Strip Mines					
FULTON					
Underground Mines		22222	121200111	2222	
Strip Mines	4	126,795	2,638,130	100%	20.8
GALLATIN COUNTY					
Underground Mines	1	143,880	1,510,853	100%	10.5
Strip Mines	1	54,906	494,723	100%	9.0
JACKSON				1	
Underground Mines		20.005	E4.50	10000	
Strip Mines	2	22,805	54,584	100%	2.3
Underground Mines	,	450.000	5,396,780	100%	110
	3	458,680			11.8
Strip Mines	1	24,600	614,228	100%	24.9
Underground					
Strip Mines	1	36	1,100	100%	.31
KNOX		30	1,100	100%	.31
Underground Mines					
Strip Mines	1	54,660	1,333,554	100%	24.4
MACOUPIN		54,000	1,333,334	100 76	24.4
Underground Mines	1	117,044	2,866,991	100%	24.5
Strip Mines			2,000,001		24.5
MONTGOMERY					
Underground Mines	1	103,249	1,802,434	100%	17.4
Strip Mines					
PEORIA					
Underground Mines				1	
Strip Mines	2	54,103	844,298	100%	15.6
PERRY				1	
Underground Mines					
Strip Mines	5	339,616	11,675,172	100%	34.3
RANDOLPH					
Underground	2	165,295	2,759,692	100%	16.7
Strip Mines	3	117,813	2,432,598	100%	20.6
ST. CLÁIR	1			1 1	
Underground Mines	1	155,124	1,979,707	100%	12.8
Strip Mines	1	144,734	4,532,466	100%	31.3
SALINE				ł	
Underground Mines	2	105,203	1,028,057	100%	9.8
Strip Mines	4	48,790	996,743	100%	20.4
STARK					
Underground Mines		112111			12121
Strip Mines	1	13,158	267,030	100%	20.3
ERMILION					
Underground Mines			45.440	10000	
Strip Mines	1	854	15,416	100%	18.0
VABASH		00.004	4 000 040	4000	
Underground Mines	1	96,384	1,266,342	100%	13.1
Strip Mines					
		151 400	1 500 700	1000/	10.2
Underground Mines	3	151,409	1,566,780	100%	10.3
Strip Mines	9	112,106	1,750,351	100%	15.5

### II PRODUCTION—TABLE 4—OUTPUT OF ALL MINES BY MONTH—1970 - 1975

Months	1970	1971	1972	1973	1974	1975
January	5,477,033	5,420,220	5,689,592	5,543,363	5,290,916	5,687,327
February	5,425,055	4,987,849	5,582,650	5,381,650	5,229,700	5,274,692
March	5,808,677	6,100,095	6,430,286	5,192,142	5,518,524	5,171,760
April	5,455,750	5,963,093	5,615,286	4,520,873	5,491,117	5,231,959
May	5,161,685	5,495,175	5,903,416	5,243,804	5,778,212	5,371,466
June	4,809,562	5.440.305	5,495,362	4.638.840	4,687,146	4,938,757
July	4.447.015	4.526.734	4.732.581	4,759,912	4,993,010	3,940,784
August	5,463,167	6.005.032	5.058,376	5,955,589	4.673.652	3.830.361
September	5.591.627	5,736,057	5.632.050	5.147.423	5.335.476	5,007,733
October	5,769,822	263.036	5.727.856	5,761,093	6,065,868	5,370,760
November	5,348,570	2.658.630	4.833.447	4,706,717	2,452,176	4,766,706
December	6.126.140	5.819.013	5,819,892	4,697,505	3,086,095	4.946.714
December	0,120,140	3,013,013	3,013,032	4,007,000	3,000,033	7,040,714
TOTAL	64,884,103	58,415,239	65,521,394	61,548,670	58,072,640	59,539,019

#### II PRODUCTION—TABLE 5—NUMBER OF ALL MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH 1970 - 1975

Months	1970		1971		1972		1973		1974		1975	
	Mines	Days										
January	54	21	54	20	55	21	49	21	50	25	48	20
ebruary	54	19	56	18	55	20	48	20	51	23	49	19
March	54	21	56	22	53	22	49	19	51	23	50	19
April	53	20	57	20	52	20	47	17	51	23	51	20
May	54	19	56	19	54	21	47	19	51	25	46	21
une	54	19	54	19	54	19	49	17	51	23	47	19
uly	53	18	54	16	53	18	50	17	51	24	50	16
lugust	55	17	54	22	53	20	50	21	51	20	51	16
eptember	56	20	53	21	55	21	50	19	51	22	52	21
October	56	21	11	17	54	21	48	21	51	26	52	21
lovember	61	18	54	10	53	19	59	17	50	8	53	18
ecember	59	21	56	21	50	19	50	22	46	13	52	19

### II PRODUCTION—TABLE 6—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OR MORE—1971 - 1975

County	Ranks	1975	Ranks	1974	Ranks	1973	Ranks	1972	Ranks	1971
Perry	1	11,675,172	1	11,147,544	1	11,209,541	1	11,177,355	1	7,906,928
St. Clair	2	6,512,173	3	6,474,187	3	6,526,267	3	7,322,715	4	6.136.953
Jefferson	3	6,011,008	2	6,662,538	2	7,289,076	2	7,272,187	3	7.036,623
Randolph	4	5,192,290	5	4,905,619	5	4,966,733	8	3,891,960	8	3,201,314
Franklin	5	5,033,520	4	5,369,480	4	6,482,077	4	7.269.942	2	7,443,040
Christian	6	4,102,982	6	4,131,904	6	4,147,074	5	4,693,399	7	4.078.815
Williamson	7	3,317,131	7	3,216,405	7	3,604,488	7	4,019,106	6	4,084,316
Macoupin	8	2,866,991	9	2,479,763	9	2,694,505	12	1.974.355	14	1,169,874
Fulton	9	2,638,120	8	2,503,417	8	3,136,175	6	4.375.307	5	4.353.204
Douglas	10	2,565,945	11	2,009,999	14	1.624.793	15	1,241,316	15	926,278
Saline	11	2,024,800	10	2,430,077	10	2,483,146	10	2,449,531	9	2,432,626
Gallatin	12	2,005,576	12	1,722,110	12	1,860,560	11	2,392,489	12	2,134,437
Montgomery	13	1,802,434	13	1,640,486	11	1,894,484	13	1,990,700	11	2.206,448
Knox	14	1,333,554	15	1,017,046	15	1.015,777	14	1,518,728	13	1,431,781
Wabash	15	1,266,342	16	743,536						
Peoria	16	844,298	13	1,148,292	13	1.754.569	9	2,514,313	10	2.322.545
Kankakee	17						16	518,758	16	705,486
Stark	18						17	502,231	17	659,013

#### II PRODUCTION—TABLE 7—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, WITH PERCENTAGES BY YEARS FROM 1920 TO 1968 INCLUSIVE, \*ALL MINES—1969-1975

			All Mines				Strip Mines		Per	rcentage o	of
Years		umber of —				nber -					
	Mines	Men	Average days worked	Tons produced	Mines	Men	Average days worked	Tons produced	Mines	Men	Tons
1920	373 389	85,037 92,080	176 174	72,409,610 78,339,082	3	217 242	149 183	367,009 437,006	0.08	0.25 0.26	0.57 0.56
1921	352	83,681	127	61,406,093	3 5	446	134	533,923	1.42	0.48	0.87
1923	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924	338	85,499	139	70,324,363	11	611	155	1,184,288	3.25	0.64	1.68
1925†	255 244	77,629 73,497	231 155	100,012,299 67,836,441	18 16	1,181	264 176	4,722,597 3,482,611	7.06 6.56	1.52 1.64	4.72 5.13
1926	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.5
1929	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931	167 162	47,024 44,078	130 107	43,073,058 31,402,399	15	1,591	164 163	6,576,677	8.92 10.50	3.38 4.00	15.27 21.11
1932	159	40,660	131	35,390,677	17 20	1,769 1.890	131	6,628,228 5,599,006	12.58	4.65	15.82
1934	172	40,943	147	38,655,527	26	2.042	134	6,008,218	15.12	4.99	15.54
1935	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.72
1936	176	40,011	153	47,285,587	30	2,803	141	8,873,299	17.04	7.00	18.16
1937	168 149	38,553 35,247	152 135	48,062,076 38,442,859	30 25	3,133	152	11,176,074	17.85	8.12 8.17	23.25
1938	149	33,034	140	42,994,107	26	2,881 2,854	153 170	10,058,999 11,295,547	16.77 17.80	8.63	26.10
1940	139	29,695	140	46,071,806	27	2,873	176	12,024,635	18.7	9.6	26.1
1941	143	30,258	168	51,033,319	30	3,169	175	13,367,089	20.9	10.4	26.1
1942 . ,	141	30,022	201	61,124,628	28	3,495	209	15,937,681	20.5	11.8	26.1
1943	141	28,753	241	68,971,621	26	3,431	212	15,484,712	18.0	11.9	22.0
1944	157 159	29,010 28,198	230 224	73,958,923 70,322,301	31	3,730 3,481	204 198	17,108,528 16,203,763	19.7 23.2	12.8 12.3	23.1
1946	160	29,745	196	60,932,785	36	3,479	166	14,302,739	22.7	11.7	23.5
1947	160	29,594	220	64,612,627	38	3,702	208	17,827,339	22.	12.5	27.4
1948	160	29,803	186	62,494,412	45	4,064	172	16,758,306	28.1	13.6	26.8
1949	157	28,520	133	44,772,617	45	4,248	120	12,835,980	28.6	14.9	28.6
1950	149	28,246 26,936	161 158	54,356,918 52,595,098	39 33	3,729 3,429	151 191	16,469,126 17,289,932	26.1 24.3	13.2 12.7	30.3 32.9
1952	111	21,674	151	43,274,400	27	3,066	175	15.340.989	24.3	14.1	35.5
1953	97	17,201	153	43,847,321	29	3,076	168	15,495,734	29.9	17.8	35.3
1954	87	15,252	152	40,017,802	28	2,889	168	15,388,078	32.2	18.8	38.5
1955	85	12,418	169	43,880,729	35	2,879	170	17,535,630	41.2	23.2	40.0
1956	88 92	11,857 11,604	167 164	45,538,998 44,532,214	42	3,038	157	18,041,603 18,439,200	47.7 54.3	25.6 27.2	39.6 41.4
1957 1958	85	10,313	158	41,856,967	50 49	3,154 3,402	150 141	19,318,772	57.6	33.0	46.1
1959	83	10,027	162	43,515,737	46	3,185	152	20,532,528	55.4	31.8	47.2
1960	78	9,772	171	43,703,382	40	3,168	167	20,946,982	51.3	32.4	47.9
1961	67	8,252	177	42,825,911	36	3,114	181	20,999,859	53.7	37.7	49.0
1962	64 67	7,892 8,002	182 187	45,262,974 48,375,564	37 42	2,984	183 177	22,482,457 25,194,264	57.8 65.7	37.8 38.6	49.7 52.1
1964	68	8,225	185	51,888,467	42	3,089	186	25,194,264 27,863,966	58.8	37.6	53.7
1965	63	8,135	195	55,452,130	39	3.053	173	30.714.714	61.9	37.5	55.4
1966	56	8,298	200	59,261,953	35	3,143	195	33,726,863	62.5	37.9	56.9
1967	52	8,054	261	60,488,521	32	3,129	210	34,794,177	61.5	38.8	57.5
1968	48 62	8,547 9,591	202 206	57,670,671 64.832.584	25	3,173	219	34,142,920	52.1	37.1	59.2
1969	62	10,214	206	64,832,584	34 35	3,647 3,429	202 198	34,659,957 33,268,533	54.8 54.7	38.0 33.6	53.5 51.3
1971	63	10,214	184	58,415,239	36	3,429	161	28,961,313	57.1	32.9	49.6
1972	59	11,237	219	65,521,394	33	3,367	216	33,805,599	55.9	32.9	51.6
1973	56	11,409	211	61,548,670	32	3,615	197	28,971,317	57.1	31.7	47.1
1974	55	12,467	217	58,072,640	32	3,749	191	26,968,528	58.2	30.1	46.4
1975	57	13,646	205	59,539.019	36	4,097	189	27,658,936	63.2	30.0	46.5

From July 1, 1924 to December 31, 1925.

Statistics from 1969 to present not comparable with those for prior years as they include local mines which were not reported previously in this table.

#### II PRODUCTION—TABLE 8—MINES AND PRODUCTION

		1975		1974		ease (+) crease (-)	Percent of Increase (+) Decrease (-)		
	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons	
All Mines	57 59,539,019		55 58,072,640		+2 +1,466,379		+3.6	+2.5	

#### II PRODUCTION-TABLE 9-OUTPUT OF ALL MINES

					Number	of da	ys in operati	on ar	nd tons of co	oal mi	ined
nber					lanuary	F	ebruary		March	L	April
Mine index number	County, name of operator and mine	Name or number of mine	Post Office address of mine	Days	Tons	Days	Tons	Days	Tons	Days	Tons
	CHRISTIAN COUNTY										
S-8	Peabody Coal Company	#10	Pawnee	22	406,327	19	345,346	21	374,627	21	400,375
S-1 S-3	DOUGLAS COUNTY Zeigler Coal Company Zeigler Coal Company	<i>l</i> /5	Murdock Murdock	23 25	145,683 97,194	22 22	134,642 83,381	23 17	136,316 73,772	24 23	136,351 99,461
1	Average Days and Total Tons			24	242,877	22	218,023	20	210,088	24	235,812
	FRANKLIN COUNTY										
S-23 S-25 S-26	Old Ben Coal Company Old Ben Coal Company Old Ben Coal Company	#21 #24 #26	Sesser Sesser	23 21 21	129,446 169,501 126,649	22 19 20	125,646 157,410 144,056	20 19 19	125,583 141,340 135,838	21 21 19	131,547 197,930 149,814
	Average Days and Total Tons			22	425,596	21	427,112	20	402,761	21	479,291
	FULTON COUNTY										
S-43 S-44 S-15 L-260	Amax Coal Company	Sun Spot Norris 8uckheart 17 #1	Vermont Norris Canton Ipava	21 14 23	71,315 59,718 134,669	17 13 19	50,147 55,038 110,438	20 12 19	69,843 51,838 118,123	23 11 17	77,414 41,484 98,632
	Average Days and Total Tons			20	265,702	17	215,623	17	239,804	17	217,530
S-3 S-1	GALLATIN COUNTY Peabody Coal Company Peabody Coal Company	Eagle #2 Eagle Strip	Shawneetown . Shawneetown .	25 7	147,421 32,835	24 7	148,211 31,602	22 7	128,912 37,241	24 5	135,841 17,669
	Average Days and Total Tons			16	180,256	16	179,813	15	166,153	15	153,510
S-3 L-74	JACKSON Central States Mining	"Elk" Okawville #2.	Marion Carbondale	5	2,727		4,875	3	1,864		7,235
	Average Days and Total Tons			5	2,727	9	4,875	3	1,864	7	7,235
S-3 S-6 S-5 S-7	JEFFERSON COUNTY Freeman United Coal Mining Co Freeman United Coal Mining Co Inland Steel Coal Company Robertson & Associates, Inc	#3 #6 #1 Eads	Waltonville Waltonville Sesser Mt. Vernon	20 21 24 15	191,677 145,959 225,870 31,142	20 20 23 23	179,581 152,726 234,224 64,509	19 17 19 21	174,080 127,883 154,520 57,202	18 23 19 19	169,911 143,366 157,352 40,707
	Average Days and Total Tons			20	594,648	22	631,040	19	513,685	20	511,338
	JOHNSON COUNTY										
L-12	E & L Coal Company	E&L	Marico	5	300	4	200	5	400	4	200
S-4	Midland Coal Company	Mecco	Victoria	22	146,058	20	124,175	21	120,298	22	102,522
	MACOUPIN COUNTY										
S-19	Monterey Coal Company	<i>#</i> 1	Carlinville	22	271,428	21	294,531	22	253,538	22	272,048
	MONTGOMERY COUNTY		,								
S-5	Consolidation Coal Co	Hillsboro	Coffeen	22	172,679	21	174,129	18	170,107	16	135,245
1.455	PEORIA COUNTY		F4 . 4:		12.500		10,059	14	12,230	19	12.819
L-150 S-4	Midland Coal Company Midland Coal Company	Edwards Elm #1	Peoria	14 19	12,563 83,907	11	72,830	18	80,587	15	73,112
	Average Days and Total Tons			17	96,470	13	82,889	16	92,817	17	85,931

#### IND DAYS WORKED EACH MONTH IN 1975

11	D DA	YS	WOR	(EC	EAC	ΗГ	MONTI	HI	N 1975	5								
_						1		r ·	n operation	and t		mine						
Days	Tons	Days	June Tons	Days	July	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Total	Mine index number
18	319,172	15	252,979	22	359,615	19	315,640	21	328,552	22	356,185	19	306,712	21	337,452	240	4,102,982	S-8
25 24	136,053 106,670	22 21	124,247 78,451	16 15	76,231 70,349	8 10	40,651 45,515	23 22	96,343 103,906	25 24	142,302 127,179	18 22	105,541 134,981	22 24	125,334 145,392	251 249	1,399,694 1,166,249	S-1 S-3
25	242,723	22	202,698	16	146,580	9	86,166	23	200,249	25	269,481	20	240,522	23	270,726	250	2,565,945	
22 21 20	133,201 173,370 159,600	22 20 21	132,606 170,960 173,688	15 13 14	102,874 111,180 112,998	13 12 11	90,340 91,720 42,997	23 20 21	159,845 154,790 124,070	24 22 22	180,902 167,961 142,650	20 18 17	139,273 136,455 112,173	23 21 22	147,415 183,694 153,998	248 227 227	1,598,678 1,856,311 1,578,531	S-23 S-25 S-26
21	466,171	21	477,254	14	327,052	12	225,057	22	438,705	23	491,513	19	387,901	22	485,107	234	5,033,520	_
21 12 17	67,809 56,593 106,926	22 13 17	68,178 50,453 105,971	12 12 9	38,503 48,075 57,714	23 14 16 	69,980 60,983 105,857	13 15 17	41,083 69,633 108,577	14 15 17 15	44,772 63,616 103,340 1,025	12 18 16 19	36,993 60,861 95,335 2,050	16 21 15 22	51,382 90,554 90,283 2,925	214 170 202 56	687,419 708,846 1,235,865 6,000	S-43 S-44 S-15 L-260
17	231,328	18	224,602	11	144,292	18	236,820	15	219,293	16	212,753	17	195,239	19	235,144	161	2,638,130	
26 8	135,584 34,247	24 6	118,007 29,199	24 13	121,595 57,287	16 12	66,816 37,612	25 17	115,421 63,497	25 12	134,540 45,498		126,380 51,216	25 13	132,125 56,820	284 120	1,510,853 494,723	S-3 S-1
17	169,831	15	147,206	19	178,882	14	104,428	21	178,918	19	180,038	19	177,596	19	188,945	202	2,005,576	
			:::::	27	107	26	4,007	26	5,636	27	9,323	5 25	3,418 9,049	7 17	4,765 1,578	36 148	24,884 29,700	S-3 L-74
				27	107	26	4,007	26	5,636	27	9,323	15	12,467	12	6,343	92	54,584	
19 23 24 24	168,015 156,213 209,349 63,277	22 22 16 10	171,881 121,674 140,129 24,112	14 15 14 15	92,928 46,010 142,373 41,431	15 13 12 20	108,816 82,851 113,510 43,710	23 23 22 20	184,820 114,814 137,773 48,408	21 24 23 26	184,110 105,095 154,389 74,054	22 20 21 20	176,711 106,900 191,494 64,550	21 17 22 21	154,566 70,880 204,330 61,126	234 238 239 234	1,957,096 1,374,371 2,065,313 614,228	S-3 S-6 S-5 S-7
23	596,854	18	457,796	15	322,742	15	348,887	22	485,815	4	517,648	21	539,655	21	490,902	237	6,011,008	
																18	1,100	L-12
11	106,388	20	101,457	14	67,734	21	116,855	18	103,767	22	134,242	19	106,630	21	103,428	241	1,333,554	S-4
2	262,185	21	227,193	14	153,777	17	193,604	23	257,136	24	261,460	21	226,415	20	238,676	249	2,866,991	S-19
3	174,131	17	148,906	14	100,920	15	104,406	22	151,969	20	165,753	18	148,780	19	155,409	225	1,802,434	S-5
5 7 7	11,194 58,116 69,310	15 15	10,843 58,142 68,985	8 10 9	5,549 24,324 29,873	19	63,609	17	50,938 50,938	19	58,886 58,886	19	58,120 58,120	25 25	86,470 86,470	97 207	75,257 769,041 844,298	L-150 S-4
	,		50,030	"	20,073		٠٠,٠٠٥	"	50,556	15	50,000	10	30,120	20	30,470		الاسترسان	

## 24 II PRODUCTION—TABLE 9—OUTPUT OF ALL MINE:

					Number	of da	ys in operat	tion a	nd tons of o	coal m	ined
er					January	1	February		March		April
Mine index number	County, name of operator and mine	Name or number of mine	Post Office address of mine	Days	Tons	Days	Tons	Days	Tons	Days	Tons
	PERRY COUNTY										
S-35 S-33	Amax Coal Company	Leahy Burning Star #2	Campbell Hill Pinckeyville	26	260,361 134,923	24 17	295,459 122,692	24	243,190 131,460	24	278,829
S-36	Consolidation Coal Co	Burning Star #4	Cutler	25	192,010	23	199.020	23	201,990	20	144,037 169,169
S-14 S-34	Freeman United Coal Mining Co Southwestern II. Coal Corp	Fidelity #11 Captain	DuQuoin Percy	16 26	115,639 381,823	12 24	82,962 304,871	14 26	95,201 311,421	10 25	66,702 306,554
	Average Days and Total Tons			23	1,084,756	20	1,005,004	23	983,262	21	965,291
	RANDOLPH COUNTY										
S-19 L-11	Consolidation Coal Co Pryor Mountain Const. & Mining	Burning Star #3 Harger Mine	Sparta	18	97,342	11	62,690	19	90,000	17	94,202
S-20 S-7 S-17	Peabody Coal Company	#1	Sparta	25 25 26	188,214 129,801 79,894	22 24 24 24	171,701 142,070 67,452	4 25 26 23	1,438 178,854 148,230 77,141	30 24 25 23	11,174 152,900 149,981 78,192
	Average Days and Total Tons			24	495,251	21	443,913	20	495,663	24	486,449
	ST. CLAIR COUNTY										
S-94	Peabody Coal Company	River King	Lonzburo	25	488,854	23	411,116	24	393,636	21	261 122
S-97	Peabody Coal Company	Strip River King U/G #1	Lenzburg Freeburg	25	182,804	23	187,977	25	393,636 203,114	21	361,133 186,428
	Average Days and Total Tons			24	671,658	23	599,093	25	596,750	23	547561
	SALINE COUNTY										
L-128 L-131 L-130 S-1 S-56 S-57	Big Ridge Coal Co.  Brown Bros. Excavating Jader Fuel Company Sahara Coal Company, Inc. Sahara Coal Company, Inc. Sahara Coal Company, Inc. Sahara Coal Company, Inc.	Big Ridge	Carterville Harrisburg Shawneetown Harrisburg Harrisburg Harrisburg	26 24 22 19 21	4,947 9,978 75,374 38,816 59,722	24 23 23 17 20 18	1,890 5,790 4,236 66,657 47,995 54,881	23 25 27 16 16 15	686 1,125 13,679 56,204 23,746 30,180	22 23 26 21 21 21	4,034 3,901 12,034 90,802 37,377 54,770
	Average Days and Total Tons			23	188,837	21	181,449	21	125,620	23	202,918
6.1	STARK COUNTY	Allendol	\A/	10	20.000	10	20.000		24 200	_	0.270
S-1	Midland Coal Company  VERMILION COUNTY	Allendale	Wyoming	18	28,262	16	30,083	17	31,260	8	9,376
L-242	Lee Coal Company		Oakwood								
S-1	Amax Coal Company	Wabash	Keensburg	22	121,378	18	86,567	21	112,058	17	93,501
S-4 S-83 S-99 S-100 L-195 L-213 L-254 L-255* L-255* L-258 L-258 L-259 L-260	WILLIAMSON COUNTY Amax Coal Company Zeigler Coal Company Tereama United Coal Mining Co. Peabody Coal Company, Inc. Oxford Construction Company, Inc. Oxford Construction Company Coal Company Jader Fuel Company Jader Fuel Company Jater Fuel Company Jater Fucking Company, Inc. E & L Coal Company Williamson Coal Company Illinois Coal, Oil and Gas Co. Average Days and Total Tons Grand Total	Delta	Marion Johnston City Marion Stonefort Marion Marion Marion Marion Marion Carbondale Carterville Energy Marion	19 21 24 16 22  12 26  23  21	75,969 44,682 91,194 60,050 11,332 2,110 1,049  5,731  292,117	17 23 21 17 20  12  24 24 	66,570 52,171 70,024 65,039 10,529 2,951  3,200 5,343  275,827	18 23 23 14 21  24  26 25  22	76,676 56,939 77,399 39,279 11,310 1,032 14,133 4,237 281,005	17 23 22 22 19  25  26 21 	70,748 59,951 80,474 82,101 9,146  2,012 876  13,330 7,190  325,828
	Grand Total			20	5,687,327	19	5,274,692	19	5,171,760	20	5,231,959

ND DAYS WORKED EACH MONTH IN 1975 (Concluded)

	Number of days in operation and tons of coal mined																	
						N	umber of d	ays ir	operation a	and to	ons of coal	mine	d					
	May		June		July		August	Se	eptember	(	October	N	lovember	D	ecember		Total	per
Shen	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Mine index number
6 6 6 3 7	304,622 115,584 264,193 98,286 300,805	25 17 22 15 25	315,279 124,044 201,309 110,994 252,448	14 19 24 5 26	187,137 129,495 208,164 32,503 225,672	21 11 20 12 26	272,295 70,815 174,911 78,722 258,531	24 13 24 13 25	308,144 92,656 255,581 93,691 311,751	25 9 26 15 26	122,160 350,116	2 23 10 24	202,882 9,360 249,201 84,688 348,436	25 10 25 12 26	53,753 250,499 94,109 197,532	278 177 284 147 306	3,221,983 1,161,088 2,666,484 1,075,657 3,549,960	S-35 S-33 S-36 S-14 S-34
2	1,083,490	21	1,004,074	18	782,971	18	855,274	20	1,061,823	21	1,093,598	16	894,567	20	861,062	239	11,675,172	
0 0000	75,337 6,472 174,559 146,849 81,672	16 30 23 25 20	82,975 3,290 148,466 145,562 67,361	18 30 25 9 14	42,925	11 5 17 21 19	56,344 204 97,614 111,839 62,041	15 30 25 25 25 24	73,071 7,889 149,924 147,298 80,775	14 31 25 26 25	72,832 12,864 172,668 151,520 92,902	16 29 23 13 20	83,435 7,662 152,118 63,476 72,294	14 29 22 11 21	6,443 150,336 46,104 73,397	185 248 281 256 262	932,908 62,921 1,883,646 1,436,769 876,046	S-19 L-11 S-20 S-7 S-17
4	484,889	23	447,654	20	330,702	15	328,042	24	458,957	25	502,786	21	378,985	20	338,999	247	5,192,290	
2	409,069 158,859	22 25	424,163 163,802	22 25		16	264,033 101,040	20	321,818 163,334	23 25	339,731 178,892	19	322,772 148,464	19	401,582 143,024	256 278	4,532,466 1,979,707	S-94 S-97
4	567,928	24	587,965	24	556,528	16	365,073	23	485,152	24	518,623	20	471,236	20	544,606	267	6,512,173	
68219	9,911 10,260 93,869 38,496 54,478	24 23 27 20 19 20	2,518 5,067 10,788 80,364 34,492 57,110	23 22 27 14 14 13	2,871 7,180 16,810 56,047 28,348 32,328	26 26 20 17 19	2,772 4,921 2,325 65,966 46,602 47,895	24 25 26 12 15 17	892 2,134 8,039 52,918 34,459 41,830	24 26 25 13 15	824 2,540 8,011 52,855 45,314 43,167	19  22 18 17 15	1,324 1,153 77,804 40,116 43,905	18 18 18 18	3,375 61,868 37,357 54,673	209 263 275 210 214 211	17,811 50,891 97,313 830,728 453,118 574,939	L-128 L-131 L-130 S-1 S-56 S-57
4	207,014	23	190,339	19	143,584	22	170,481	20	140,272	20	152,711	19	164,302	18	157,273	231	2,024,800	
5	7,043	12	23,477	9	8,554	12 25	25,435 5,287	13	25,028 378	16	30,067 827	12	22,336 7,157	15	26,109 1,767	153	267,030 15,416	S-1 L-242
0	112,158	18	104,524	12	68,244	12	64,071	21	106,409	22	137,214	18	127,521	18	132,697	219	1,266,342	S-1
69380 6 . 7	74,598 43,523 75,389 58,490 8,880  721 9,250	19 22 20 18  12  25 24	75,652 59,211 60,696 57,142  2,191  9,784 6,972	10 16 14 17 14  10 25 27 26	37,307 42,598 43,537 59,171 7,162  1,955 9,399 15,426 2,072	18 9 16 14 17 12  24 26 26	75,839 19,880 49,347 49,490 6,957 5,396  3,681 6,320 234	21 23 18 22 12  27 22 22 22 30	73,556 48,421 75,917 63,283 9,059  1,929  7,731 18,158 3,321 7,061	10 25 24 18 23  8  26 	38,381 56,860 82,044 61,302 11,580 2,400 8,021 2,222 14,188	23 5 21 2 17 2 17 2 21 	73,149 59,479 80,399 50,514 10,747 2,684 6,420 3,317 13,010	11 23 22 22 23 20  19 15 16 29	42,389 51,348 81,047 71,822 7,546 1,839  6,187 4,281 3,351 15,376	191 248 253 211 222 20 106 101 144 218 246 118	780,834 595,063 867,469 717,683 104,248 1,839 23,631 3,678 41,439 93,882 43,989 4,635 2,284	S-4 S-83 S-99 S-100 L-195 L-213 L-254 L-255 L-255 L-256 L-257 L-259 L-260
2	270.951	20	271 648	18	218 627	14	75 217,219		300	26	277.65	26	300.565	14	285,599	168	3,325,674	L-200
-	270,851	-	271,648	-	218,627	-		+		21	-	-		19		+	59,539,019	
21	5,371,466	19	4,938,757	16	3,940,784	16	3,830,361	21	5,007,733	21	5,370,76	18	4,766,706	19	4,946,714	201	39,539,019	

		,					
				Dispositi	on of outpu	it-tons	
Number	Name of operator	Post Office address of the mine	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
	<u> </u>		-				
							CHRISTIAN
i-8	Peabody Coal Company, #10	Pawnee	4,102,982	884,503			†2,525,464 690,105
							DOUGLAS
i-1 i-3	Zeigler Coal Company, Murdock Zeigler Coal Company, #5	Murdock Murdock	1,399,694 1,166,251	507,389 1,127,998			892,305 38,253
	Total 2 Mines		2,565,945	1,635,387			930,558
							FRANKLIN
-23 -25 -26	Old Ben Coal Company #21	Sesser Benton Sesser	1,598,678 1,856,311 1,578,531	1,596,238 1,856,311 1,556,823	::::		2,393 21,517
	Total 3 Mines		5,033,520	5,009,372			23,910
 5-43	Amax Coal Company - Sunspot	Vermont	687,419	209,960		406,767	FULTON 69,765
-44 5-15 -260	Consolidation Coal Company - Norris Freeman United Coal Mining Co. #17 Valley Mining, Inc. #1	Norris	708,846 1,235,865 6,000	626,677 1,235,752			82,169 113 6,000
	Total 4 Mines		2,638,130	2,072,389		406,767	158,047
							GALLATIN
3-3 3-1	Peabody Coal Company-Eagle #2	Shawneetown Shawneetown	1,510,853 494,723		::::	1,510,853 494,723	
	Total 2 Mines		2,005,576			2,005,576	
							JACKSON
3 -74	Central States Mining "Elk"	Marion Carbondale	24,884 29,700	24,884 1,726		27,974	
	Total 2 Mines		54 584	26.610		27 974	

#### TABLE 10

				Explosive	s used for b	lasting coal		Number	of	,		
Tons consumed at the mine	All coal not sold including waste	Total employees	Days of active operation	Explosives used to blast overburden pounds	Pellet power – pounds	Dynamite — pounds	Permissibles — Pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
COUNTY												
2,910		960	240		a 3			C 7		4,102,982		S-8
COUNTY												
:::	:::	338 397	251 249		a 12 a 16			4 6	:	1,399,694 1,166,251		S-1 S-3
		735	500		a 28			10		2,565,945		
47	:::	534 477	248 227					C 15 C 15 C 14	:	1,598,678 1,856,311		S-23 S-25 S-26
191		1,505	702					C 14	-	1,578,531 5,033,520		S-26
	1				1	1						1
COUNTY	927	137 196 229 5	214 170 202 56	AN3,367,500 AN 60,000 AN 110,400		38,300 500	10,250		:		687,419 708,846 1,235,865 6,000	S-43 S-44 S-15 L-26
:::	:::	196 229	170 202	AN 60,000 AN 110,400	:::::	38,300	10,250	:	:		687,419 708,846 1,235,865	S-44 S-15
	:::	196 229 5	170 202 56	AN 60,000 AN 110,400		38,300 500	10,250	::::	:		687,419 708,846 1,235,865 6,000	S-44 S-15
	:::	196 229 5	170 202 56	AN 60,000 AN 110,400		38,300 500	10,250	::::	:		687,419 708,846 1,235,865 6,000	S-44 S-15
COUNTY	927	196 229 5 567	170 202 56 642	AN 60,000 AN 110,400 	a 12	38,300 500 38,800	10,250			1,510,853	687,419 708,846 1,235,865 6,000 2,638,130	S-44 S-15 L-26
COUNTY	927	196 229 5 567	170 202 56 642 284 120	AN 60,000 AN 110,400 	a 12	38,300 500 38,800	10,250	8	:	1,510,853	687,419 708,846 1,235,865 6,000 2,638,130	S-44 S-15 L-26
COUNTY	927	196 229 5 567	170 202 56 642 284 120	AN 60,000 AN 110,400 	a 12	38,300 500 38,800	10,250	8	:	1,510,853	687,419 708,846 1,235,865 6,000 2,638,130	S-44 S-15 L-26

				Dispositio	on of outpu	it-tons	
Number	Name of operator	Post Office address of the mine	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
							JEFFERSON
-3 -6 -5 -7	Freeman United Coal Mining Co. #3 Freeman United Coal Mining Co. #6 Inland Steel Coal Company #1 Robertson & Associates, Inc. "Eads"	Waltonville	1,957,096 1,374,371 2,065,313 614,228	1,826,136 1,358,656 2,044,130 614,228	219		130,741 15,715 21,183
	Total 4 Mines		6,011,008	5,843,150	219		167,639
							JOHNSON
12	E & L Coal Company "E&L"	Marion	1,100	1,100			
							KNOX
-4	Midland Coal Company - Mecco	Victoria	1,333,554	1,046,470			287,084
							MACOUPIN
-19	Monterey Coal Company #1	Carlinville	2,866,991	2,866,991			
						М	ONTGOMERY
-5	Consolidation Coal Company "Hillsboro"	Coffeen	1,802,434				†1,802,434
							PEORIA
150	Midland Coal Company "Edwards"	Edwards Peoria	75,257 769,041	760,671	::::		75,257
	Total 2 Mines		844,298	760,671			75,257

Conveyed Direct to Power Station, Coffeen, Illinois

#### TABLE 10 (Continued)

8,370 8,370

278

304

IADE		CONTIN	iueu,									
				Explosive	es used for b	lasting coal		Numb	er of			
Tons consumed at the mine	All coal not sold including waste	Total employees	Days of active operation	Explosives used to blast overburden pounds	Pellet power – pounds	Dynamite — pounds	Permissibles – pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
COUNTY												
		761 538 596 81	234 238 239 234		a 3			C 13 C 10 C 8	45	1,957,096 1,374,371 2,065,313	614,228	S-3 S-6 S-5 S-7
		1,976	945		a 3			C 31	45	5,396,780	614,228	
COUNTY								-				
		2	18	AN1,000		500					1,100	L-12
COUNTY												
		215	241								1,333,554	S-4
COUNTY												
		494	249					11	8	2,866,991		S-19
COUNTY			-									
		518	225					C 11	6	1,802,434		S-5
-												
COUNTY												

• • • • • • • •

844,298

				Disposition	on of outpu	it-tons	
Number	Name of operator	Post Office address of the mine	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
							PERRY
S-35 S-33 S-36 S-14 S-34	Amax Coal Company "Leahy" Consolidation Coal Co., Burning Star #2. Consolidation Coal Co., Burning Star #4. Freeman United Coal Mining Co. #11. Southwestern IL. Coal Corp. "Captain"	Campbell Hill	3,221,983 1,161,088 2,666,484 1,075,657 3,549,960	3,221,983 1,146,643 2,666,484 1,074,729 3,190,702		4,397	928 359,258
	Total 5 Mines		11,675,172	11,300,541		4,397	360,186
							RANDOLPH
S-19 L-11 S-20 S-7	Consolidation Coal Co., Burning Star #3 Pryor Mountain Const. & Mng. "Harger" #1. Peabody Coal Company - Baldwin	Sparta	932,908 62,921 1,883,646 1,436,769	932,908 1,883,646 1,371,601	::::		62,921
S-17	Zeigler Coal Company - Spartan	Sparta	876,046	850,816			25,230
	Total 5 Mines		5,192,290	5,038,971			153,319
							ST. CLAIF
S-94 S-97	Peabody Coal Co., River King Strip	Lenzburg	4,532,466 1,979,707	4,362,080 1,979,707	::::	:::::::	170,386
	Total 2 Mines		6,512,173	6,341,787			170,386
							SALINE
S-1	Sahara Coal Co., Inc. #6	Harrisburg	830,728	808,438			22,245
S-56	Sahara Coal Co., Inc. #20	Harrisburg	453,118	432,784			20,280
S-57 L-128 L-130 L-131	Sahara Coal Co., Inc. #21. Big Ridge Coal Co. Jader Fuel Company #1. Brown Bros., Excavating #2.	Harrisburg	574,939 17,811 97,313 50,891	550,306 3,040 503	::::	8,162 84,623	24,567 6,609 12,690 50,388
	Total 6 Mines		2,024,800	1,795,071		92,785	136,779
							STARK
S-1	Midland Coal Company "Allendale"	Wyoming	267,030	204,204			62,826

#### TABLE 10 (Continued)

			Days of active operation	Explosives used for blasting coal				Number of				
Tons consumed at the mine	All coal not sold including waste	Total employees		Explosives used to blast overburden pounds	Pellet power — pounds	Dynamite — pounds	Permissibles — pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
COUNTY												
:::	10,048	200 252 266 192 290	278 177 284 147 306	AN10,295,701 AN6,000,000 AN4,610,436		156,739 150,000 220,750 92,250			:		3,221,983 1,161,088 2,666,484 1,075,657 3,549,960	S-35 S-33 S-36 S-14 S-34
	10,048	1,200	1,192	20,906,137		619,739					11,675,172	
COUNTY												
:::		187 22 473 167	185 248 281 256	AN1,980,000 AN10,000 AN4,345,160	a 10	466,646	42,000	C 7		1,883,646	932,908 62,921 1,436,769	S-19 L-11 S-20 S-7
		1,104	1,232	6,335,160	a 10	466,646	42,000	C 11	5	2,759,692	2,432,598	
COUNTY			050					1			4,532,466	S-94
:::		517 558	256 278		:::			C 11	50	1,979,707		S-97
		1,075	534					C 11	50	1,979,707	4,532,466	
COUNTY												
45	• • • •	132	210	AN4,276,400		86,565		C 2			830,728	S-1
66 		217 235 9 8 10	214 211 209 275 263	AN79,025 AN100,000	a 4	8,300 400	208,000	C 3 4	8	453,118 574,939	17,811 97,313 50,891	S-56 S-57 L-128 L-130 L-131
165		611	1,382	4,455,425	a 8	95,265	208,000	C 5	19	1,028,057	996,743	
OUNTY												
		86	153								267,030	S-1
	L	L	1				1					

#### II PRODUCTION-

			Disposition of output-tons					
Number	Name of operator	Post Office address of the mine	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade	
							VERMILION	
242	Lee Coal Company	Oakwood	15,416				13,462	
0.1		F	I		1		WABASH	
S-1	Amax Coal Company "Wabash"	Keensburg	1,266,342	1,139,446			126,896	
							WILLIAMSON	
S-4 S-83 S-99 S-100 -13 -195 -254 -255* -256** -257 -259 -260	Amax Coal Company, "Delta" Zeigler Coal Company #4. Freeman United Coal Mng. Co., Orient #4. Peabody Coal Company "Will Scarlet". Oxford Construction Co., "Oxford" Harrisburg Coal Company, Inc. #1 Coal Wester Coal Company #1. Houston Coal Consany. 3 States Trucking, Inc. #1. E #6 Coal Company. Williamson Coal Company #1 Illinois Coal, Oil & Gas Co., #1	Marion. Johnston City Marion. Stonefort. Marion.	780,834 595,063 867,469 717,683 1,839 104,248 23,631 3,678 41,439 93,882 43,989 49,635 2,284	778,367 591,909 756,604 388,306 1,839 1,122 21,060	335	329,244 3,678 38,117 92,760 3,423	435 3,154 110,530 133 104,248 23,631 3,322 19,506 49,635 2,284	
	Total All Mines		E0 530 010	40 E47 CCC	EE4	2 062 026	9 001 220	

### BLE 10 (Concluded)

				Explosives	sused for bl	lasting coal		Num	ber of			
at the mine	All coal not sold including waste	Total employees	Days of active operation	Explosives used to blast overburden pounds	Pellet power – pounds	Dynamite — pounds	Permissibles – pounds	Mining machines	Motors	Tons mined by machine	Tons mined in strip mines	Number
INTY												
	1,954	7	122								15,416	L-242
INTY 	·	494	219					C 13	7	1,266,342		S-1
YTAI												
	2,032	136 273 296 187 2 49 4 3 5 39 9 29 29	191 248 253 211 20 222 106 101 144 218 246 118 106	AN4,888,000 AN6,896,247 AN1,000 600	a 8	100 150 8,250	5,000	3 C 5 1	2	595,063 867,469 104,248	780,834 	S-4 S-83 S-99 S-100 L-13 L-195 L-254 L-255 L-255 L-256 L-257 L-259 L-260
313	2,032	1,034	2,184	11,785,847	a 10	8,500 1,229,850	5,000 265,250	C 138 47 185	142	1,566,780 31,880,083	1,758,894 27,658,936	
	1	I	1		1				1			

### II PRODUCTION—TABLE 11—RAILROADS HANDLING COAL—TONS SOLD TO RAILROADS SERVING MINES—TONS SOLD TO RAILROADS NOT SERVING MINES—1975

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
CHRISTIAN COUNTY					
Peabody Coal Co. #10	C&IM	884,503			884,503
DOUGLAS COUNTY					
Zeigler Coal Co., Murdock. Zeigler Coal Co., #5.	8 & O	507,389 1,127,998			507,389 1,127,998
Total		1,635,387			1,635,387
FRANKLIN COUNTY					
Old Ben Coal Corp. #21	BN	541,827 112,800 428,552			541,827 112,800 428,552
	C&EI	513,059			513,059
Old Ben Coal Corp. #24	BN	1,856,311 1,554,197			1,856,311 1,554,197
	MP	2,626			2,626
Total		5,009,372			5,009,372
ΙσταΙ		5,009,372			5,005,372
FULTON COUNTY					
The United Electric Coal Co. #17  Amax Coal Co., Sun Spot  Consolidation Coal Co., Norris.	BN	1,235,752 209,960 626,677			1,235,752 209,960 626,677
Total,		2,072,389			2,072,389
JACKSON COUNTY					
Central States Mining Co. "Elk"	IC	24,884 1,726			24,884 1,726
Total		26,610			26,610
JEFFERSON COUNTY					
Freeman Coal Mining Corp. #3	CB&Q	619,060	219		619,279
	MP	982,096 224,980			982,096 224,980
Inland Steel Co	IC	2,044,130 1,281			2,044,130 1,281
9	ICG	692,457 664,918			692,457 664,918
Robertson & Associates Inc. "Eads"	IC	614,228			614,228
Total		5,843,150	219		5,843,369
			-		

### II PRODUCTION—TABLE 11— (Continued)

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
JOHNSON COUNTY					
E & L Coal Co.	NYC	1,100			1,100
KNOX COUNTY					
Midland Coal Co., Mecco	CRI&P	1,046,470			1,046,470
MACOUPIN COUNTY					
Monterey Coal Co	C&NW	2,866,991			2,866,991
PEORIA COUNTY					
Midland Coal Co., Elm	C&NW	760,671			760,671
PERRY COUNTY					
The United Electric Coal Co., #11.	IC	381,529			381,529
Southwestern III. Coal Corp., Captain	M P	693,200 1,472,348			693,200 1,472,348
Amax Coal Co., Leahy	M P	1,718,354 2,862,928			1,718,354 2,862,928
Consolidation Coal Co., #4	MP	359,055 2,666,484			359,055 2.666,484
Consolidation Coal Co., #2	MP	85,338 1,061,305			85,338 1,061,305
Total		11,300,541			11,300,541
RANDOLPH COUNTY					
Southwestern III. Coal Corp., Streamline	ICG	1,097,066			1,097,066
Zeigler Coal Co., Spartan #2	M P	274,535 850,816			274,535 850,816
Consolidation Coal Co., #3	M&I	932,908			932,908
Peabody Coal Co., Baldwin	IC	1,883,646			1,883,646
Total		5,038,971	• · · · · · ·		5,038,971
ST. CLAIR COUNTY					
Peabody Coal Co., River King Strip	IC	1,632,544			1,632,544
Peabody Coal Co., River King U.G	Peabody	2,729,536 1,979,707			2,729,536 1,979,707
Total		6,341,787			6,341,787
SALINE COUNTY					
Sahara Coal Co., Inc. #6	Penn Central	204,094			204,094
Sahara Coal Co., Inc. #20	Penn Central	604,344 343,739			604,344 343,739
Sahara Coal Co., Inc. #21	Penn Central	89,045 442,436			89,045 442,436
Big Ridge Coal Co Brown Bros	Penn Central	107,870 3,040 503	50,388		107,870 3,040 50,891
Total		1,795,071	50,388		1,845,459
			-		

### II PRODUCTION - TABLE 11 - (Concluded)

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Total tons handled by railroads
STARK COUNTY					
Midland Coal Co., Allendale	B N	204,204			204,204
WABASH COUNTY Amax Coal Co. "Wabash"	Penn Central	1,139,446			1,139,446
WILLIAMSON COUNTY					
Amax Coal Co., Delta	PC	426,172 347,227		4,484 484	430,656 347,711
Zeigler Coal Co., #4	C & E I	591,909 178,636			591,909 178,636
E & B Coal Co	Penn Central C & E I	209,670 21,060 639,103		335	209,670 21,060 639,438
Oxford Const. Co	NYC	117,501 1,839 1,122			117,501 1,839 1,122
Total		2,534,239		5,303	2,539,542
Grand Total		48,500,902	50,607	5,303	48,548,219

### II PRODUCTION—TABLE 12— SPECIAL PREPARATION PLANTS

			Tonnage
			or capacity
Name of operator	Address	Type and make of installation	of plant
Amax Coal Company "Delta"	Marion	Mechanical Jig Type	780,834
Amax Coal Company "Leahy"	Campbell Hill	Crushing Jig Type Washing	3,221,983
Amax Coal Company "Sunspot"	Vermont	Heavy Media Fluid Bed Washing	687,419
Consolidation Coal Co., #2	Pinckneyville	Jig Washing Plant	1,161,088
Consolidation Coal Co., #3	Sparta	Jig Washing and Air Water Wash Box	932,908
Consolidation Coal Co., #4	Cutler	Jig Washing Plant and Water Air Wash Boxes	2,666,484
Consolidation Coal Co., "Norris"	Norris	J. O. Lively Washed and Centrifical Dried	708,946
Freeman United Coal Mng. Co. #3	Waltonville	Deduster, Heavy Media Jig Cyclones	1,957,096
Freeman United Coal Mng. Co. #4	Marion	Roberts & Schaefer Heavy Media	867,469
Freeman United Coal Mng. Co. #6	Waltonville	Heavy Media Washed	1,374,371
Freeman United Coal Mng. Co. #11	DuQuoin	Koppers Rheolaveur	1,075,657
Freeman United Coal Mng. Co. #17	Canton	Neldo Heavy Media	1,235,865
Harrisburg Coal Co	Marion	Dyster Table	104,248
Inland Steel Coal Co	Sesser	Modern Preparation Plant	2,065,313
Midland Coal Co., "Allendale"	Wyoming	Jig Washing Plant	267,030
Midland Coal Co., "Edwards"	Edwards	McNally-Pittsburg	75,258
Midland Coal Co. "Elm"	Peoria	McNally Pittsburg	769,041
Midland Coal Co., "Mecco"	Victoria	McNally Wash Boxes	1,333,554
Monterey Coal Company #1	Carlinville	Brown Jig Type	2,866,991
Old Ben Coal Co., #21	Sesser	Heavy Media Cyclone, Froth Flotation	1,598,678
Old Ben Coal Co., #26	Sesser	Mogul Jig Super Air Flow	1,578,531
Peabody Coal Company #10	Pawnee	Jig Washer	4,102,928
Peabody Coal Co. "Eagle Surface"	Shawneetown	McNally-Pittsburg	1,979,707
Peabody Coal Company "Eagle 2"	Shawneetown	Cyclone Plant	1,510,853
Peabody Coal Company "River King #1	Freeburg	McNally-Pittsburg	1,979,707
Peabody Coal Co., River King Surf	Marissa	McNally-Pittsburg	4,532,466
Peabody Coal Co., "Will Scarlet"	Stonefort	Link Belt-Baum Type Jigs	717,683
Robertson & Associates "Eads"	Mt. Vernon	Washer Plant	614,228
Sahara Coal Co., Inc. #6, #20, #21	Harrisburg	Entire Production Washed at Central Plant	1,858,785
Southwestern IL. Coal Corp. Captain	Percy	McNally-Pittsburg Washer	3,549,960
Southwestern III. Coal Corp. Streamline	Percy	McNally-Pittsburg Washer	1,436,769
Zeigler Coal Co., #4	Johnston City	McNally Jig Washer	595,063
Zeigler Coal Co., "Murdock"	Murdock	McNally #223 Washer	1,399,694
Zeigler Coal Co., "Spartan"	Sparta	McNally-Pittsburg	876,046

### II PRODUCTION-TABLE 13-PHYSICAL AND MECHANICAL

Index No.	County, name of operator and mine	Post Office address of mine	Tons of coal produced in 1975	Number of seam	Thicknes of seam in feet
	CHRISTIAN COUNTY				
S-8	Peabody Coal Co., #10	Pawnee	4,102,982	6	7′2′′
	DOUGLAS COUNTY				
6-1 6-3	Zeigler Coal Company Murdock	Murdock Murdock	1,399,694 1,166,251	6 6	7' 7'
	FRANKLIN COUNTY				
5-23 5-25 5-26	Old Ben Coal Corporation #21 Old Ben Coal Corporation #24 Old Ben Coal Corporation #26	Sesser	1,598,678 1,856,311 1,578,531	6 6 6	8'4½'' 8'6" 8'
	FULTON COUNTY				
5-15 5-43 5-44 260	Freeman United Mining Co. #17	Canton Vermont Norris Ipava	1,235,865 687,419 708,846 6,000	5 2 5 5	4'6'' 2'3.6'' 4'6'' 4'11''
	GALLATIN COUNTY				
S-1 S-2	Peabody Coal Co., Eagle Strip	Shawneetown . Shawneetown .	494,723	6	3-6
5-2 5-3	Peabody Coal Co., Eagle #2	Shawneetown .	1,510,853	5	5'6''
	JACKSON COUNTY				
<sub>-</sub> -73	Central States Mining Co., "Elk"	Marion Carbondale	24,884 29,700	6 5	4'6'' 5'
	JEFFERSON COUNTY				
S-3 S-5 S-6 S-7	Freeman Coal Mining Corp. #3	Waltonville Sesser Waltonville Belle Rive	1,957,096 2,065,313 1,374,371 614,228	6 6 6 Opdyke	9' 9' 7' 2'
	JOHNSON COUNTY				
12	E & L Coal Company	Marion	1,100	New Burnside	3′
	KNOX COUNTY				
6-4	Midland Coal Company, Mecco	Victoria	1,333,554	6	3:2-38.4"
	MACOUPIN COUNTY				
6-19	Monterey Coal Company #1	Carlinville	2,866,991	6	7′3″
	MONTGOMERY COUNTY				
6-5	Consolidation Coal Co., Hillsboro	Coffeen	1,802,434	6	7'2"
	PEORIA COUNTY				
5-4 150	Midland Coal Company, Elm	Trivoli Edwards	769,041 75,257	6 6	3,8,,
	PERRY COUNTY				
S-14 S-33	Freeman United Mining Co. #11 Consolidation Coal Co.,	DuQuoin	1,075,657	6	6'3''
6-34	Burning Star #2	Pinckneyville Percy	1,161,088 3,549,960	6 5 & 6	6′ 6′1′′ -
6-35	Amax Coal Company, Leahy	Campbell Hill	3,221,983	586	4'11" 3'11.8"-
536	Consolidation Coal Company #4	Cutler	2,666,484	586	5′7.9″ 3′10″-

### CHARACTERISTICS OF ALL MINES-1975

		Long	Mining	Haulage	Hoisting	Loading			
Shaft, slope, drift or strip	Depth surface to seam	wall or pillar and room	Hand, machine or both			Hand, machine or both	Open or closed lights	Total tons of coal produced since mine opened	Year mine opened
Slope	340′	P&R	Machine	Belt	Electric	Machine	Closed	101,689,537	1952
Slope Slope	180′ 215′	P&R P&R	Machine Machine	Belt Belt	Electric Electric	Machine Machine	Closed Closed	7,101,584 1,990,475	1946 1973
Shaft Shaft Shaft	656' 666' 651'	Panel Panel Panel	Machine Machine Machine	Belt Belt Belt	Electric Electric Electric	Machine Machine Machine	Closed Closed Closed	34,151,568 24,154,284 13,758,249	1960 1965 1968
Strip Strip Strip Strip	60'-110' 54.2' 50.105' 24'							46,601,107 10,284,011 7,905,242 6,000	1962 1962 1969 1975
Strip	6'-55'							494,723	1966
Slope	250′	P&R	Machine	Belt	Electric	Machine	Closed	1,510,853	1969
Strip Strip	40′ 35′							121,156 29,007	1972 1975
Slope Shaft Shaft Strip	800' 733' 792' 25'-30'	P&R P&R P&R P&R	Machine Machine Machine	Belt Belt Belt	Electric Electric Electric	Machine Machine Machine	Closed Closed Closed	62,238,244 14,237,629 11,424,457 3,857,437	1951 1966 1968 1970
Strip	15'							9,185	1972
Strip	52.5′							21,015,915	1956
Shaft	300′	P&R	Machine	Beit	Electric	Machine	Closed	11,447,051	1970
Shaft	500′	Room & Panel	Machine	Belt	Electric	Machine	Closed	14,028,068	1964
Strip Strip	78.17′ 60′-34′							7,297,716 7,258,039	1968 1951
Strip	83							63,678,936	1929
Strip	80°							32,876,193	1950
Strip	66.62-94.70							50,036,648	1964
Strip	65.2'							11,553,795	1971
Strip	65′							5,063,469	1973

### II PRODUCTION-TABLE 13-PHYSICAL AND MECHANICAL

Index No.	County, name of operator and mine	Post Office address of mine	Tons of coal produced in 1975	Number of seam	Thickness of seam in feet
	RANDOLPH COUNTY				
S-7 S-17 S-19 S-20 L-11	Southwestern III. Coal Corp. Streamline Zeigler Coal Company, Spartan #2 Consolidation Coal Company #3 Peabody Coal Company, Baldwin Pryor Mtn. Const. Co., Harger #1	Percy	1,436,769 876,046 932,908 1,883,646 62,921	6 6 5 & 6 6	6.44 6′6 57″-60 6′6
	ST. CLAIR COUNTY				
S-94 S-97	Peabody Coal Co., River King Strip Peabody Coal Co., River King U.G. #1	Lenzburg Freeburg	4,532,466 1,979,707	6	6'6
	SALINE COUNTY				
S-1 S-56 S-57 L-128 L-130 L-131	Sahara Coal Company, Inc. #6	Harrisburg Harrisburg Harrisburg Carterville Shawneatown . Harrisburg	830,728 453,118 574,939 17,811 97,313 50,891	6 5 5 6 2 & 3 2	4'6 4'4 3'10 4'2
	STARK COUNTY				
S-1	Midland Coal Company, Allendale	Wyoming	267,030	6	
-242	VERMILION COUNTY Lee Coal Company	Oakwood	15,416	7	
	WABASH COUNTY				
6-1	Amax Coal Company, Wabash #1	Keenesburg	1,266,342	7	7'6
	WILLIAMSON COUNTY				
6-4	Amax Coal Company, Delta	Marion	780,834	4 & 5 New	2'0''-4'9.3
13 S-83 S-99 'L-256	Oxford Mining Company	Marion	1,839 595,063 867,469 93,882	Burnside 6 6 5	5′6
6-100 -195 -254 *L-255	Peabody Coal Company, Will Scarlet Harrisburg Coal Company Cold Water Coal Company. Jader Fuel Company #2	Stonefort	717,683 104,248 23,631 45,117	Davis Dekovan #5 6 6	6'6 4':
257 259 260	E & B Coal Company	Carterville Energy Spillertown	43,989 49,635 2,284	5 5 6	3'11

<sup>\*</sup>Same mine, different management.

<sup>\*</sup>Formerly Tab Mining Co. \*\*Formerly Houston Coal Co.

### CHARACTERISTICS OF ALL MINES-1975-(Concluded)

			Mining	Haulage	Hoisting	Loading			
Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Hand, machine or both			Hand, machine or both	Open or closed lights	Total tons of coal produced since mine opened	Year mine
Strip	69'	23721		2.,	2,,,,,,,	,,		47,923,457	19
Slope	200' 66'-56'	P&R	Machine	Belt	Electric	Machine	Closed	17,492,998 13.626,226	19
Slope	125'	P&R	Machine	Belt	Electric	Machine	Closed	5,014,073	19
Strip	40'							62,921	19
Slope	115'	P&R	Machine	Belt	Electric	Machine	Closed	9.137.932	19
liope	113	Fun	Widefille	Dell	Electric	Machine	Closed	9,137,932	18
trip	25'-100'	2011		2171111		,,		27,462,734	15
lope	223 240'	P&R P&R	Machine Machine	Belt	Electric	Machine	Closed	2,939,068	19
itrip	50'	ran	iviacnine	Belt	Electric	Machine	Closed	2,719,119 225,347	19
trip	30'							370,964	19
trip	45'							275,768	19
Strip	50'-85'							7,933,550	19
itrip	18'							15,416	19
lope	700'-1000'	P&R	Machine	Belt	Electric	Machine	Closed	2,048,191	15
trip	28.5′-747′							28,908,493	19
trip	15'	22121	2211111	21,1111	2,	2211111		1,839	15
lope	232' 275'	P&R P&R	Machine Machine	Belt Belt	Electric	Machine	Closed	25,585,805	15
trip	40'		Machine	Belt	Electric	Machine	Closed	25,858,211 800,166	19
trip	75′							17,314,146	19
lope	125'	P&R	Machine		Electric	Machine	Closed	1,401,242	19
trip	40'							61,326	19
trip	45' 40'							62,878	19
trip	40'							84,765	19
trip	28'							49,635	19
	20							2,284	19

### II PRODUCTION—TABLE 14—TOTAL PRODUCTION OF COAL IN TONS BY COUNTIES, 1882-1975

		Total			Total
	1975	production		1975	production
County	production	to date	County	production	to date
County	production	to dute	County	production	lo data
Adams		341,924	Madison		164,295,772
Bond		7,355,569	Marion		39,247,722
8rown		65,347	Marshall		12,516,141
Bureau		53,823,055	Menard		12,462,005
Calhoun		96,247	Mercer		15,519,862
Cass		212,477	Monroe		8.284 129.092.438
Christian	4,102,982	313,368,753	Montgomery	1,802,434	
Clark		4,482 801	Morgan		190,787
Clay			Moultrie		2,032,236
Clinton		38,656,325 198,932	Peoria	844,298 11.675,172	91,547,360 307,245,806
Crawford		45,400	Perry	11,0/5,1/2	5.081
Douglas	2.565.945	19.092.059	Pope		23.747
Edgar	2,500,540	915,698	Putnam		10.071.893
Effingham		796	Randolph	5,192,290	131,217,576
Franklin	5.033.520	591.404.049	Richland	3,132,230	154
Fulton	2.638.130	291,362,761	Rock Island		3.846.169
Gallatin	2.005,576	23.261.712	St. Clair	6.512.173	341,084,442
Greene		693,191	Saline	2.024.800	245.398.879
Grundy		40,872,430	Sangamon		233,449,607
Hamilton		22.097	Schuyler		7.747.691
Hancock		771,281	Scott		612,476
Hardin		40	Shelby		4,119,763
Henry		22,910,053	Stark	267,030	9,160,830
Jackson	54,584	97,637,010	Tazewell		17,633,802
Jasper		23,739	Vermilion	15,416	164,972,389
Jefferson	6,011,008	95,958,039	Wabash	1,266,342	995,491
Jersey		120,350	Warren		685,466
Johnson	1,100	302,808	Washington		18,165,386
Kankakee		19,192,105	White		1,676,741
Knox	1,333,554	61,386,037	Williamson	3,325,674	414,926,068
LaSalle		65,547,638	Woodford		7,810,160
Livingston		10,111,437	Will		37,553,733
Logan		14,533,376 11,000,468	T-4-1 D # 1075		
Macon	2.866.991	277,431,741	Total Prod. 1975	59,539,019	4 404 474 605
McDonough	2,860,991	2.634.903	Est. Pr.d 1833-1881		4,494,474,695 73,386,123
McLean		5,544,139	Total Prod. 1833-1975 .		4,567,860,818
WICEGOIT		3,344,139	10tai 110u. 1833-1975 .		4,507,860,818

# II PRODUCTION—TABLE 15—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORK, AND TONS PRODUCED FROM EACH SEAM

AL . L .	Numbe	rof		Kind of	opening		Ma	nner of wor	lk	
Number of seam	Counties	Mines	Shaft	Drift	Slope	Strip	Pillar & room	Long- wall	Strip	Total tons produced
1 2 5 6 7	5 8 18 1	7 15 34 1	 9 		5 7	7 10 18 1	5 16		7 10 18 1	2,170,473 13,630,194 43,722,936 15,416
Total		57	9		12	36	21		36	59,539,019

III Labor and Employment

III LABOR AND EMPLOYMENT-TABLE 16-NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS-1975

1,285 34 20 235 1,285 34 20 235 1,285 34 20 235 512 37 8 141	Days lost by man returned	Loss of less tha	Loss of 7 days but less than 30 days	Foss	Loss of 30 days or more	nore	Month in which accident occurred
43 6 1,256 34 20 43 6 1,266 34 20 16 1 8327 21 13	not		Days lost		Days lost	ost	
43 6 1,285 34 20 43 6 1,285 34 20 14 512 37 8 1	Total		otal Average	Number	Total	Average	Number Month injured
43 6 1,285 34 20 43 6 1,285 34 20 16 1,285 34 20 16 1,285 34 20							
16 1.256 34 20 1.256 14 20 15 15 15 15 15 15 15 15 15 15 15 15 15	1,255		12	12	1,020	9	January March March Mayal May May May May May May May May May May
14 512 27 13	1,255	-	12	17	1,020	09	Decamber 1
	9327		71 88	NØ	11.6	968	January 3 January 3 Markentany 1 April 1 July 2 August 4 August 4 August 4 August 6 Cotober 2 Cotober 3 Cotober 5 Cotober 5
Total	839		17	80	482	09	30

	877-48789987	47	2	9		787388778737	9/
	January February March April Aby Juny Juny August September October		January June August September November			January February March April April July August August Coctober December	
	23 4 6 6 7	83	33	33		88 80	18
	401 106 106	652	66 :	66		163	2,416
	wmn	=	e :	е		28	90
	14 20 14 14 14 14 14 14 14 14 14 14 14 14 14	16	:=	11		8 9	16
	212 137 167	516	:=	11		390	425
	12 7 21	32	:-	-		24 2 4 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	56
	35 18 18 18	27	233	28		8.6	51
	613 282 273	1,168	86-1-	110		2,643	2,841
-	-8-	4		2	_	ω <b>τ</b>	20
	120	47	4.0	9		69	76
FRANKLIN COUNTY	Old Ben Coal Co., #21 Old Ben Coal Co., #26 Old Ben Coal Co., #26	Total	FULTON COUNTY Amax Coal Co., Sun Spot Freeman United Coal Mng. Co. #17	Total	GALLATIN COUNTY	Peabody Coal Co., "Eagle #2	Total

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1975—
(Continued)

			Days I	Days lost by men returned	Los	Loss of / days but less than 30 days	ys ys	Loss	Loss of 30 days or more	r more	Month in which accident occurred	
Name of Operators	Number	not				Days lost	lost		Day	Days lost		er b
			Total	Average	Number	Total	Average	Number	Total	Average	Month	dmuM enujni
-	_	_		_					_	-		
Freeman United Coal Mng. Co., #3. Freeman United Coal Mng. Co., #6. Inland Steel Co., #1. Robertson & Associates "Eads Mind"	29 9 e 8	::-:	4,381 2,359 321 316	17 84 105	1253	388 35 35	17 18 26	23 2133	3,896 1,971 286 290	118 74 95 145	January Pebruary March April May	7 8 E Z E E
											June July July September October November	51115728
	117	1	7,377	29	57	934	16	29	6,443	109		117
ш _												
Midland Coal Co. "Mecco"	2	:	25	13	2	52	5	:	:	:	December	2
Total	2	:	25	13	2	25	13	:	:	:		2

	January February March March Mayor M	23		January 2 March 1 April 4 April 4 August 6 August 1 October 2 December 2	23		January 1 February 1 April 4 June 1	7		January 4 Egbusay 1 May 2 Mure 2 August 1 Gotober 3 December 1	15
	22	22		8	8		75	75	-	45 85 66 129	78
	632	632		1,126	1,126		051	150	-	135 254 132 258	677
_	=	Ξ		12	12		2	2		mm ; 000	01
	9	16		4	17		116	116		186 : :	12
_	125	125		88	189		83	82		118	49
	00	8		=	=	-	ω	5	_	N== ::	4
	æ	33		22	22		33	33	-	31 10 129	29
	757	757		1,315	1,315	-	232	232	-	156 272 10 132 258	828
	4	4		:	:	-	:	:	-	:=:::	-
	8	23		83	23	-	7	7	_	22-00	15
MACOUPIN COUNTY	Monterey Coal Co., #1	Total	MONTGOMERY COUNTY	Consolidation Coal Co.," Hillsboro"	Total	PEORIA COUNTY	Midland Coal Co, "Elm"	Total	PERRY COUNTY	Southwestern III. Coal Corp. "Captain" Ams. Coal Co." Leshy Consolidation Coal Co., 14 Consolidation Coal Co., 14 Freeman United Coal Mng. Co., 171	Total

III LABOR AND EMPLOYMENT—TABLE 16—NON-FATAL ACCIDENTS BY COUNTIES AND MONTHS—1975—
(Concluded)

Month in which accident occurred		Nu Average Month in		Againary February March Agai May June June July Suppast Supremote October November	72	67 January Fabruary March May May May May May May May May May May
Loss of 30 days or more	Days lost	Total Av		196 :	698	259
Loss of		Number		22 :	12	
but	Days lost	Average		20 74	15	81-
Loss of 7 days but less than 30 days	Days	Total		¥ 8 2 Z	316	88
Log		Number injured		თ ო თ	21	ν. œ ξ
Days lost by men returned		Average		36 41	36	23 23
Days		Total		8 <sup>6</sup> 22	1,185	349
	not			:::	:	;n
	Number			<u> </u>	33	<u> </u>
	Name of Oneratore		RANDOLPH COUNTY	Peabody Coal Co., "Baldwin". Southwestern III. Coal Corp., "Streamline". Zeigler Coal Co., "Sparran 12".	Total	ST. CLAIR COUNTY Peabody Coal Co., River King Pt. #6

1	SALINE COUNTY  Bio Bidge Coal Co	,		15	5	1	- 2	15			:	January	ro
Allendale" 26 8 516 29 12 236 20 6 280 47  TYTY  47 4 2.011 47 20 307 15 23 1,704 74  26 8 516 29 12 236 20 6 280 47  TYTY  48 516 29 12 236 20 6 280 47  TYTY  48 516 29 12 236 20 6 280 47  TYTY  49 5 54 6 13 112 16 58  TYTY  46 1 1,780 40 24 364 15 21 1,416 67  Fig. 12 14 15 15 16 58  TYTY  46 1 1,780 40 24 364 15 21 1,416 67  Fig. 12 1,416 67  Fig. 13 1,416 67  Fig. 13 1,416 67  Fig. 14 1,416 79  Fig. 15 1,416 67	hig noige Brown Bros. Excavating Co. Sahara Coal Co., #20 Sahara Coal Co., #20	120 10 10 10 10 10 10 10 10 10 10 10 10 10	: is :-	45 104 1,208 638	5 4 7 0 4	- : 1 84	5 : 101 107 107 107	50 13 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	:- ;29	.1.101 .557	:4 :28 :28 :28 :38 :38 :38 :38 :38 :38 :38 :38 :38 :3	February March May May July July October October December	n 0 u u u 4 u 5 u 4 u
Altendale"	Total	47	4	2,011	47	70	307	15	23	1,704	74		47
Maning Co. #4   17   1780   40   24   15   27   14   15   27   25   37   47   37   37   37   37   37   37	STARK COUNTY												
3     2.9   10   3   2.9   10		m	:	8	01	e	53	0	:	:	:	February AprilSeptember	
TITY  TITY  THAT  THAT	Total	3		29	10	е	29	10	:		:		т
apt." 26 8 516 29 12 236 20 6 280 47  26 8 516 29 12 236 20 6 280 47  26 8 516 29 12 236 20 6 280 47  27 11 41 6 113 13 13 14 14 14 14 14 14 14 14 14 14 14 14 14	WABASH COUNTY												
Scarlet".  26 8 516 29 17 296 20 6 20 47  1 1 42 14 11 12 12 12 14 41  1 1 915 44 19 19 19 19 19 19 19 19 19 19 19 19 19	Arnax Coal Co., "Wabash"	56	ω	516	৪	12	236	50	(C)	580	74	February March April May May June August September October November	- u 4 E E C - E
1	Total	56	8	516	29	12	236	20	9	280	47		56
Mines 46 1 1,780 40 24 364 15 21 1,416 Mines 577 64 23,736 45 277 4,325 16 246 19,411	WILLIAMSON COUNTY Amax Coal Co., "Delta" E B Coal Co. Freeman United Coal Mining Co. #4 Freeman United Coal Mining Co. #4 Freeman United Coal Co., inc. #1 Featbook Coal Co., inc. #1 Zeiger Coal Co. #4	ω-⊏w∞4	-:::::	42 41 129 212 441	4 4 4 8 4 5 6 5 6 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	- :0-10	112 112 112 124	12 : 12: 12: 12: 12: 12: 12: 12: 12: 12:	11211	30 812 116 100 317	0.14	January February April May July Augists September October December	84-87766896
577 54 23,736 45 277 4,325 16 246 19,411	Total	46	1	1,780	40	24	364	15	21	1,416	29		94
	Total All Mines	222	54	23,736	45	277	4,325	16	246	19,411	79		577



#### **ACCIDENTS**

### III LABOR & EMPLOYMENT—TABLE 17—COMPARATIVE STATISTICS OF FATAL AND NON-FATAL ACCIDENTS FOR THE PERIOD 1928 TO 1975 INCLUSIVE, NON-FATAL ACCIDENTS OF 7 DAYS OR MORE LOST TIME

	A	ccidents	Tons mined	to one —	Employe	es to one –
Year	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fata
928	139	5.785	404,396	9,392	471	11
929	109	6,621	560.805	9,232	538	9
930	112	5.106	482,456	10,580	500	11
31	90	3,800	501,696	11,854	595	14
32	114	2.643	299,205	12.884	552	19
33	71	3,018	539,720	12,697	683	16
34	86	3,133	485,164	13,318	576	16
35	82	3,147	548,942	14,304	599	16
36	93	3,165	553,504	16,263	528	16
37	83	2,887	655,810	18,854	561	16
38	84	2,240	504,612	18,923	516	19
39	80	1,887	595,343	25,240	511	22
940	83	2,091	624,603	20,020	447	18
941	92	2,096	601,801	26,414	406	18
942	94	2,546	710,066	25,784	319	14
343	97	3,017	756,131	24,317	339	11
344	87	3,578	889,655	21,632	369	9
345	75	3,350	979,292	21,924	414	9
946	61	2,908	1,045,362	20,552	532	11
947	204	2,618	334,927	26,098	160	12
948	68	2,270	973,041	29,148	484	14
349	38	1,658	1,253,431	28,727	827	19
950	45	1,629	1,272,940	35,164	690	19
951	154	1,494	356,297	36,727	190	20
952	31	1,122	1,475,890	40,778	768	21
953	28	920	1,641,647	49,963	677	21
954	23	736	1,816,337	57,622	725	23
955	18	651	2,539,531	70,217	757	21
956	20	665	2,390,202	71,886	647	19
957	21	542	2,222,995	86,131	609	24
958	9	449	4,864,125	97,499	1,265	25
959	10	475	4,537,463	95,525	1,089	23
960	10	385	4,582,063	119,015	1,053	27
961	7	368	6,447,503	122,643	1,278	24 21
962	20	418	2,417,696	115,679	439	20
963	16	445	3,227,652	116,050	556	20
964	9	435	6,092,720	126,056	1,009	19
965	13	468	4,479,421	124,428	676 999	19
966	9	474	7,023,633	133,360 123,692	440	17
967	20 15	524 494	3,240,739 4,142,872	125,796	636	19
968	12	521	5.402.715	124,439	799	18
	15	618	4,325,607	104,990	681	17
970	15	535	3.894.349	104,990	704	20
972	11	607	5.956.490	107,943	1.022	19
973	6	488	10.258.111	126,124	1.902	23
974	12	465	4.839.387	124.887	1.039	27
// · · · · · · · · · · · · · · · · · ·	8	577	7,442,377	103,187	1,706	24

1,000,000 TONS MINED - 1882-1975, INCLUDING INJURIES INVOLVING LOSS OF 30 DAYS OR MORE TABEL 18—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED AND PER

								Acci	Accidents	
Үеаг	Tons mined	Number	Acci	Accidents	Tons	ons mined to one man	Per	Per 1,000 employed	Per 1,000,000 tons mined	),000 ned
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
1882	9,115,661	20,290	9	26	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,939 25,575	<u>참</u> &	197	78,424 219,587	45,493 51,274	5.6 1.8	9.1	12.8	22.0 19.5
1885.	9,791,874	25,946	නුදු	747	251,074	66,611	1.5	5.7	0.4	15.0
1887.	10,278,890	26,804	4 4	8	250,905	57,105	1.5	6.7	4.0	17.5
1888. 1889.	11,855,186	30,076	8.6	179	215,549	66,230	e: 4	6.1	3.6	15.1
1890.	12,638,364	28,574	8	ğ	238,460	42,988	6.	10.3	4.2	23.4
1891. 1892.	15,660,698	32,951	8 6	367	261,012	42,672	6.7	110	3.3	23.4
1893.	19,949,564	35,390	8	604	289,124	49,502	1.9	1.4	3.5	20.2
1895.	17,735,864	38,477	22	521	237,690	32,848 29,315	6. 6	13.5	4 4	36.4
1896. 1897	19,786,626	37,032	12	672	256,969	29,444	2.1	18.1	0.5	34.0
888	18,599,299	35,026	8 5	88.	247,991	42,464	2.1	12.5	4.0	23.5
1899.	23,434,445	36,901	\$ 5	297	278,981	39,254	2.3	16.2	3.6	25.5
1901.	26,635,319	44,143	# S	422	269,549	63,235	2.2	9.6	3.8	15.8
1902. 1903.	30,021,300	46,003	& £	406	303,245	73,944	2.2	80 00 C	6. 4 6. 7	13.5
1904 1905	37,077,897	54,774	157	202	236,165	73,132	5.6	1000	2.4	13.7
1906.	38,317,581	62,283	313	88	247,210	79,828	2.5	7.7	0.4	12.5
1908	49,272,436	70,841	₹ 8 8	636 819	289,689 269,248	75,155 60,162	2.5	11.6	3.5	13.3
1909 1910	49,163,710	72,733	213	894	230,816	54,993	5.9	12.3	4, 80 6, 60	18.2
1911.	50,165,099	77,410	157	200	319,523	70,755	5.0	0.5	. e.	14.2
1913.	61,846,204	79,497	32,1	1,025	315,524 353,407	71,893 60,338	2.3	12.9	2.8	13.9

1914.	60,/15,795	80,035	32	1,079	381,860	56,691	5.0	13.4	5.6	17.6
1915.	57,601,694	75,607	180	1,013	320,009	26,870	2.4	13.4	3.1	17.6
	63,673,530	75,919	102	000	385,900	48,792	2.5	17.2	2.6	20.
1917	78,983,517	80,893	25	1,034	381,563	48,338	9.7	20.7	2.6	20.
0000	88,979,469	21,372	200	2,101	114,411	41,638	20.0	23.7	2.9	24.0
000	72 020 652	90,097	101	2,020	00,000	40,00	3.0	20.0 40.E	2.0	3 9
1920.	80 121 948	06,192	222	4 327	360 910	19 517	2.5	6.5	2.4	5 5
922	63 276 827	98,090	15	3 879	397.962	16.315	9	30.5	0.7	5 2
1923	75,514,095	103,566	161	3,615	469,032	20,889	9	34.9	2.1	47
1924.	72,308,665	99,765	184	3,895	392,982	18,565	1.8	39.0	2.5	23
1925†	103,186,166	81,684	183	4,712	563,859	21,713	2.4	27.7	1.8	46.0
1926.	69,813,255	77,732	165	3,083	423,111	22,642	2.1	39.7	2.4	4
1927.	46,949,700	78,572	106	1,398	442,922	33,583	1.3	18.0	2.3	29.8
1928.	56,211,082	65,508	139	2,176	404,396	25,832	2.1	33.2	2.5	38
1929.	61,127,759	58,596	109	2,392	560,805	25,556	1.9	40.8	1.8	33
1930.	54,035,116	56,011	112	1,837	482,456	29,415	5.0	32.8	2.1	34.0
1931	45,152,623	53,550	06	1,530	969'109	29,512	1.7	28.6	2.0	33.6
1932.	34,120,786	51,554	114	921	299,305	35,879	2.2	18.4	3.3	27.5
1933.	38,320,125	48,464	71	1,197	539,720	32,013	1,5	24.7	9:1	31,
1934	41,724,078	48,499	98	1,122	485,164	37,522	1.8	23.1	2.1	26.9
1935.	45,013,278	49,100	82	1,225	548,907	36,743	1.7	24.9	1.8	27.
1936.	51,475,899	49,142	93	1,145	553,504	44,957	1.9	23.3	1.8	22
1937.	54,432,255	46,580	85	1,023	631,714	51,253	1.8	22.0	1.5	18.8
1938.	42,387,368	43,420	82	816	504,612	51.945	2.0	18.7	2.0	19
1939.	47,627,454	40,909	80	837	595,343	56,903	2.0	20.5	1.7	17.
1940.	51,871,704	38,019	8	774	624.603	67,008	2.2	20.4	9	15
1941.	55,365,835	37,587	95	830	601.801	71.532	2.4	22.0	1.7	15
1942.	65,746,204	36,041	8	983	710,066	66.883	2.6	27.3	4	2
1943.	73,344,761	32,852	97	1,175	756.399	62.412	3.0	35.8	13	16.0
944	77,400,031	32,019	87	1,285	889,655	60,233	2.7	40.1	=	16.6
945.	73,446,930	31,109	75	1,260	979,292	58,291	2.4	40.5	1.0	17.
946.	63,767,082	32,476	61	1,00,1	1,045,362	63,703	6.1	30.8	1.0	15.
	68,325,241	32,686	204	1,203	385,979	26,098	6.2	36.8	3.0	17.6
388	66,166,805	32,924	88	796	973,041	83,124	5.0	24.2	1.0	12.0
	47,630,380	31,434	8	265	1,253,431	84,301	1.2	18.0	αį	11.5
DGB	57,282,303	31,067	45	227	1,272,940	102,841	1.4	18.0	œį	6
931.	94,868,679	29,329	2 2	260	356,297	97,981	5.2	19.1	5.8	0.0
953	45,752,500	10.045	5 6	4 8	1,4/5,890	103,747	ان	18.5	·. ·	9.0
954	41,300,114	10,545	9 8	666	70, 40, 4	115,203		21.1	ا ب	100
955.	45 711 555	13,633	35	252	1,010,10,1	171 040	4.0	4 1	8 8	- 6
926	47 804 040	12,936	2 5	287	2,300,303	168 324		0.00	8,5	n u
	46.682.889	12 781	35	217	2 220,202 2 2 2 2 0 0 0 E	215 120	5 6	17.0	7 4	2 4
928	43,777,130	11.386	5	197	4 864 125	222,219	2 0	17.3	2.5	7
929.	45,374,626	10,897	0,0	2	4 537 463	233 890	0 0	17.8	20	4
	45,820,632	10,533	0	167	4.582.063	274.375	0.9	8	22	~
961.	45,132,526	8,945	7	158	6,447,503	285,649	0.8	17.7	15	Š
362	45,353,913	8,774	50	961	2,417,696	246,704	2.3	22.3	14	4
963	51,642,431	8,891	16	195	3,227,652	264,833	1.9	21.9	.31	3.8
905	54,834,488	9,079	თ	207	6,092,720	264,901	1.0	. 22.7	.16	3.8

III LABOR AND EMPLOYMENT—TABLE 18—(Concluded)

		Number	Acci	Accidents	Tons n	fons mined to one man	Per	Acci Per 1,000 employed	Accidents Per 1,000,000 tons mined	00,00 inec
Year	Tons mined	employed	Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
965.	58,232,480	8,790	£1 e	218	4,479,421	267,121	31.0	24.8	24.5	
	64,814,771	8,805 9,538	85	216	3,240,739 4,142,872	300,068	1.6	23.0	2 4 5	
1969	64,832,584	9,591	12	223	5,402,715 4,325,607	283,112 238,544	 	24.1 26.6	23.73	
371.	58,415,239	10,571	15	236	3,894,349	247,522 241,777	4.0.	24.1	81.	4.1
972. 973.	61,548,670	11,409	. o ţ	212	10,258,111	290,324	0.53	18.6	2.12	
974. 975.	58,072,640 59,539,019	13,646	<u>7</u> 80	246	7,442,377	242,029	0.59	18.0	.13	
Average - 94 years	47,813,560	42,373	8	920	513,654	806'09	2.20	21.7	1.95	19.2

† July 1, 1924 to December 31, 1925. Note – From 1882 to 1890 only net tons are shown.

### III LABOR AND EMPLOYMENT-TABLE 19-FATAL ACCIDENTS BY OCCUPATION AND CAUSES, 1975

			Und	ergro	ound				In S	haft			0	n Sui	face	
Occupation	Fall of roof and slides	Machinery	Haulage	Electricity	Mine Fires	Other Causes	Total	Falling Down Shaft	Cage	Other Causes	Total	Explosives	Drowning	Other Causes	Total	Grand Total
Belt Maintenance Driller Shooter Miner Operator Pumper Repairman Roof Bolter Timberman	2 1			1			1 2 1 1 1					1	1		ĭ	1 1 2 1 1 1
Total	4			2			6	1				1	1		2	8

### III LABOR AND EMPLOYMENT—TABLE 20-CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1975

				Un	dergrou	und				In Si	haft			On Su	rface	
Year	Total number killed	Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1882 1883 1883 1885 1885 1885 1885 1885 1885	40 134 46 39 52 41 54 42 52 58 56 68 70 75 77 75 75 84 99 99 156 157 165 165 165 165 165 165 165 165 165 165	26 40 29 20 28 33 26 36 36 36 33 33 38 41 41 51 51 57 77 65 55 80 84 84 84 84 84 84 84 84 84 84 84 84 84	12 4 			5 2 6  9 3 4 4 6 8 8 12 9 11 11 6 20 20 20 17 44 44 44 43 22 22 29 29 29 29 29 29 29 29 29 29 29	9 78 77 19 13 1 2 2 2 6 3 3 1 1 2 2 1 1 1	40 134 46 39 47 41 48 35 48 51 44 40 60 66 67 48 33 95 88 81 131 145 131 145 164 190		24 4 4 4 4 4 4 4 4 5 · · · · · · · · · ·				111122	1122.11222	

### III LABOR AND EMPLOYMENT—TABLE 20—CAUSES OF FATAL ACCIDENTS BY YEARS—1882-1975

			,	Un	dergro	und				In S	haft			On S	urface	_
Year	Total number killed	Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Total	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Toosi
10 11 12 13 13 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15	406 157 175 180 180 180 180 180 180 180 180	85 80 8 81 83 85 77 100 93 1121 178 26 98 84 47 25 72 54 33 45 84 45 14 77 74 74	20 28 3 10 6 68 2 19 27 31 7 6 6 12 19 27 23 8 4 4 2 2 5 4 1 1 2 5 1 11 11 11 11 11 11 11 11 1	23 40 40 27 43 67 70 51 14 1 54 40 29 40 27 17 16 16 18 14	31366247374986525556 .3531214242243 .21 .2 .2 .132 .12	17 10 10 10 10 10 10 10 10 10 10 10 10 10	258 44 1257 121 34 1 58 7 68 99 48 55 55 54 35 55 16 96 3 9 7 9 3 1 7 24 23 1 1 1 1 2 2 1 1 1 1 4 4 2 3 2 2 2 2 2 4 3 1 4	386 1437 167 167 209 175 185 185 185 195 197 199 100 106 84 105 107 109 109 109 109 109 109 109 109 109 109	35665214 .84822332173311321 .1 .2221133	6 2 3 4 4 1	2 :1 12 :1 12 : : : : : : : : : : : : :	9999103344518101066554339423114	3	522242694224542312422141141213214212131411111111262	33214 3311213 .21132215 .5465524 .45 .2255234422311323 .111422 .451 .112	18 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

### III LABOR & EMPLOYMENT—TABLE 21—COMPARATIVE STATISTICS OF FATAL ACCIDENTS FOR THE PERIOD 1966 TO 1975 INCLUSIVE AND TONS MINED TO ONE MAN KILLED

Year	Fatals	Tons mined	Tons mined to one man killed	Year	Fatals	Tons mined	Tons mined to one man killed
1966. 1967. 1968. 1969.	9 20 15 12 15	63,212,697 64,814,771 62,143,076 64,832,584 64,884,103	7,023,633 3,240,739 4,142,872 5,402,715 4,325,607	1971	15 11 6 12 8	58,415,239 65,521,394 61,548,670 58,072,640 59,539,019	3,894,349 5,956,490 10,258,111 4,829,387 7,442,377
Totals	71	319,887,231	4,505,453	Totals	52	303,096,962	5,828,787

III LABOR AND EMPLOYMENT—TABLE 22—FATAL ACCIDENTS—1975

Cause of Death	Roof Fall	Roof Fall	Electrocution	Electrocution	Roof Fall	Roof Fall	Drowning	Explosives
Occupation	Timberman	Miner Operator	Belt Maintenance	Repairman	Roof Bolter	Miner Operator	Pumper	Driller Shooter
Name of operator and number or letter of mine	Peabody Coal Co., #10	Peabody Coal Co., #10	Freeman United Coal Mng.	Consolidation Coal Co.,	Consolidation Coal Co., Hillsboro	Inland Steel Coal Co. #1	Peabody Coal Company River King #6	Peabody Coal Company River King #6
Dependents	വ	က	1 2	-	1 2	2	1 2	2
Children	4	2		:		-		-
wobiW	:	:	:	:	:	:	:	:
9l6ni2	:	:	:	:	:	:	:	:
Married	×	×	×	×	×	×	×	×
96∀	36	4	27	4	22	29	27	21
Residence	Taylorville	Tovey	Sesser	Witt	Witt	Marion	Marissa	Marissa
Name	Kenneth Hunt	Jackson H. Ray	Thomas Jones	Alfred L. Lowe	Donald R. Montgomery	Sammy G. Tanner	James T. Ray	Donald G. Jansen
Date of Death	May 28	May 28	June 3	July 23	Aug. 14	Sept. 19	Nov. 16	Dec. 31
Date of injury	May 28	May 28	June 3	July 23	Aug. 14	Sept. 19	Nov. 16	Dec. 31
County	Christian	Christian	Jefferson	Montgomery	Montgomery	Jefferson	St. Clair	Randolph

#### SUMMARY OF FATAL ACCIDENTS 1975

Mr. Jackson H. Ray, age 44, married, two dependents, and Mr. Kenneth A. Hunt, age 36, married, four dependents, came to their death at approximately 7:10 p.m., Wednesday, May 28, 1975, from crushing injuries caused by a roof fall, while in the performance of their duties, at the Peabody Coal Company, Mine No. 10, Pawnee, Illinois, Christian County, where Mr. Ray was employed as a Miner Operator and Mr. Hunt was a Timberman.

The roof fall occurred in the face area of No. 4 Entry of the 2

East First South 51/2 W. Main South Section.

Mr. Hunt, who was operating the Miner, started a cross-cut to the left, starting on the left side and finishing on the right. It was after they finished cutting this cross-cut that they began cutting down what was considered loose rock. In the process of brushing down this loose rock, the roof fell, fatally injuring both the men.

Mr. Thomas L. Jones, age 27, married, one dependent, came to his death at approximately 6:30 p.m., Tuesday, June 3, 1975, from electrical shock, while in the performance of his duties as Belt Maintenance Man at the Freeman United Coal Mining Company, Orient Mine #3, Waltonville, Jefferson County, Illinois.

Mr. Jones was working at the 3960 Station Cross-cut between the 3rd and 4th west, 2nd west, main north, with an impact wrench. The wrench had a small metal screw that held the switch mechanism in place that was loose in the handle of the drill. It came in contact with the power source, thereby shorting to the handle of the impact wrench that Mr. Jones was using, causing him to become a part of the electric circuit.

Fellow workmen, management and union assisted the victim with artificial respiration in the form of mouth to mouth resuscitation and heart massage, continuously, until the victim was removed from the mine and pronounced dead.

Mr. Alfred Larry Lowe, age 44, married, came to his death at approximately 2:10 a.m., Wednesday, July 23, 1975, from electrical shock, while in the performance of his duties as Repairman at the Consolidation Coal Company, Hillsboro Mine, Coffeen, Montgomery County, Illinois.

Mr. Lowe, the regular Repairman in the 1st SE Entries, Left Side Section was idle on this particular shift, and was sent into the 1st Left Panel at starting time to replace the regular repairman, who was not working.

Mr. Lazenby, Tubing-Man, tried to start the auxiliary exhaust fan, and reported to Mr. Stanley Pelc, Faceboss, that the fan would not start, and was told that he would have Mr. Lowe check to see what was wrong. Mr. Lowe began checking the fan at about 1:05 a.m., and, in the course of attempting to find the trouble, checked most of the trail cable visibly, energized the power circuit several times, and had removed the cover from the control panel, as mounted on the fan. Mr. Lowe did not have his regular electrical test equipment with him, and although he thought the fan was "single-phasing", had not solved the problem by 2:00 a.m.

Mr. Lowe's efforts were not successful in correcting the problem and Mr. Pelc contacted the Master Mechanic, Mr. Dave Farr, and explained that additional help would be needed. Mr. Farr contacted Mr. Tom Henry, Assistant Master Mechanic, by radio-phone, and told him to go to the 1st Left and help Mr. Lowe, as Mr. Henry had the necessary electrical equipment with him and was on his way to the 1st Left Section at 2:10 a.m.

At about 2:05 a.m., Mr. Pelc, Mr. Lowe, and Mr. Lazenby were at the power distribution unit and phone location, when Mr. Lowe wanted to try one more to find the trouble, although Mr. Pelc told him that help was on the way and to wait. As Mr. Lowe started back to the fan, Mr. Pelc told Mr. Lazenby to go and stay with him. Mr. Lowe had previously spread some brattice cloth in front of the control panel as the area around the fan was wet and muddy, and upon returning to the fan, kneeled in front of the control panel with his right hand on the lower right corner of the control panel, near the trail cable, toward the upper left corner of the control panel. In an attempt to close the 100 amp fan motor circuit breaker, he placed the fingers of his left hand across the top of the breaker to provide leverage to pull up on the "throw" with his thumb. As he did this, his middle index finger of his left hand went against one of the energized phase leads at the top of the circuit breaker, thus receiving 277 volts through his body. Efforts were made to check for heartbeat and breathing and an attempt made to pry open Mr. Lowe's jaws, in order to apply artificial respiration. The attempt was unsuccessful.

Mr. Donald R. Montgomery, age 22, married, one dependent, came to his death at approximately 5:40 p.m., on August 14, 1975, from crushing injuries by a roof fall, while in the performance of his duties as a Belt Maintenance Man at the Consolidation Coal Company, Hillsboro Mine, Coffeen, Montgomery County, Illinois.

During the regular mining cycle in #2 room in the 1L 4 rooms, a roof fall occurred at 5:40 p.m., resulting in the death of Mr. Donald Montgomery. A piece of top rock fell striking the victim in the left side of his head, causing a skull fracture, a broken neck

and other injuries.

Mr. Sammy G. Tanner, age 29, married, one dependent, came to his death at approximately 1:50 p.m., from a roof fall, while in the performance of his duties as a Continuous Miner Operator at the Inland Steel Company, Mine No. 1, Sesser, Franklin County, Illinois, on September 19, 1975.

The Pillar Lift in the solid coal pillars, off Room No. 9+3 in 4 Left, East Main was offset to avoid a roll that was visible in the room. The lift was driven and a fender mined to the left. The Continuous Miner was moved back into a previous room intersection and started to reduce the final coal block so a good pillar could be obtained. The intersection was fully bolted with 6 foot bolts and greater than 8 inches of roof coal left, according to plan. The second shuttle car of coal had just left when the foreman detected roof movement in the intersection. He yelled for the two Miner Operators and Mechanic to get out. They started to run, a massive fall occurred immediately in the intersection, which brushed the foreman as he ran out, catching Mr. Tanner and crushing him.

Mr. James T. Ray, age 27, married, one dependent, came to his death by drowning, at approximately 2:00 a.m., November 16, 1975, while in the performance of his duties as Pumper at the Peabody Coal Company, River King Strip Mine, Pit #6, Marissa, St. Clair County, Illinois.

Mr. Ray was having difficulty starting a pump in 5761 Pit, and was told by Mr. Dennis Winters, third shift Pit Foreman, to get a repairman from the shop to help, if he could not start the pump. At approximately 2:00 a.m., Mr. Ray got into his pickup truck

and left the pit. Mr. Winters called Mr. Ray on the radio several times. Mr. Winters began a search throughout the area for Mr. Ray and his truck, to no avail.

At daylight Mr. Winters spotted a water cooler floating in a small body of water along the side of the access road, which connects the 5761 pit haulage road and County Road #18. Upon closer examination, a set of tire tracks were found leading from the road into the edge of the water.

Mr. Jerry Cox, a member of the O'Fallon, Illinois Rescue Squad was called and, after several dives, located the truck about 20 feet from the bank in 20 feet of water. After hooking a cable to the truck, it was pulled to the bank and Mr. Ray was alone in the truck. He was pronounced dead at the scene by the Randolph County Coroner, at 8:30 a.m.

Mr. Donald G. Jansen, age 21, married, one dependent, was fatally injured by an explosion at approximately 10:40 p.m., on December 31, 1975, while in the performance of his duties as Driller-Shooter at the Peabody Coal Company, River King Strip Mine, Pit #6, southwest of Marissa, Randolph County, Illinois.

Mr. Jansen, and Mr. William Bowling (Shooting Foreman) were attempting to shoot the first 9 holes of a group of 18 holes to be shot. Having tried two times to set off the shots without success, Mr. Bowling stated that Mr. Jansen ran the primer cord between #13 and #14 holes for safety, due to the fact they were positioned in front of loaded holes. Therefore, this would mean there were three groups of shots #1 thru #9, where the primer cord was cut and the cap placed, #10 thru #13 holes where the primer cord was untied for safety, and #14 thru #18 holes. Holes 1 thru 9 were wired with 17mm delays, but no delays were in truck lines on the rest of the holes. Mr. Bowling was standing on the passenger side of the truck and Mr. Jansen a few feet away by the right front fender. The hood of the truck was up so that they could shoot off the truck battery. After calling for clearance and receiving it, Mr. Bowling stated that Mr. Jansen set off the shots and he remembers seeing the first shot, the #9 hole fire, and then a second later the holes in front of which they were standing exploded. Mr. Jansen was still on the passenger side of the truck, nearly covered with rock from the blast. He was quickly uncovered and taken to the Sparta Hospital where he was pronounced dead.

### III LABOR & EMPLOYMENT—TABLE 23— WORKING TIME—ALL MINES

	Average Days Worked							
	1974	1975	Increase (+) Decrease (-)	Percent of Increase (+) Decrease(-)				
All Mines	202	205	+3	+1.5				

### III LABOR & EMPLOYMENT—TABLE 24— EMPLOYEES—ALL MINES

	Number	Employed		
	1974	1975	Gain (+) Loss (-)	Percent of Gain (+) Loss (-)
All Mines	12,467	13,646	+1,179	+9.5



## IV Mechanization

# IV MECHANIZATION—TABLE 25—MACHINE MINING FOR THE PERIOD 1928 TO 1975 INCLUSIVE, ALL MINES

		Entire O	utput		Part of O			Tota			ent of
				1	Part of O	utput		rota	'	Perc	ent of
Year	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Tons
1928	84	1,245	25,134,248	55	813	19,506,953	139	2.058	44.641.201	67.5	82.2
1929	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930	90	1,100	26,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931	85 81	1,103 989	28,190,836	36	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932	79	989	19,599,599 25,237,315	21	155	2,986,486	102	1,144	22,586,085	53.0	71.9
1934	87	929	27,231,330	15 14	109	2,015,606 2,411,683	94 101	1,014 1,042	27,252,921 29,733,013	59.1 58.7	77.0 76.9
1935	88	903	28.985.205	15	107	2,411,663	103	1,042	31,130,153	56.5	75.2
1936	93	981	32,700,420	15	81	3,127,236	108	1,062	35.827.656	61.4	78.8
1937	90	884	33,816,349	13	43	740,231	103	927	34,031,392	61.3	64.9
1938	92	835	26,628,552	7	23	310,720	99	958	26,939,302	61.7	63.6
1939	92	746	30,312,078	5	9	285,292	97	755	30.597.370	66.4	71.2
1940	124	901	34,680,322	1	2	42,870	125	903	34,723,192	90.0	74.0
1941	84	957	37,951,424	4	22	197,712	88	979	38,149,136	86.0	68.9
1942	116	818	46,428,214	4	5	71,643	120	823	46,499,857	85.0	70.7
1943	100	656	51,090,624				100	658	51,090,624	21.0	72.2
1944 1945	189 184	812	56,178,300 53,999,655				189	812	56,178,300	49.7	72.5
1946	201	780 798	46,660,727		2	F4 400	184 202	780 800	53,999,655	48.4 54.8	73.5
1947	184	700	48,791,054	1 .	2	54,189	184	700	46,714,916 48,791,054	52.1	73.4
1948	174	697	46,373,080	12	25	282,844	186	722	46,655,924	54.3	70.5
1949	176	694	32.890.158	'å	17	103,326	184	711	32,993,484	54.6	75.1
1950	170	656	37,692,319	5	15	74,453	175	671	37.766.772	50.0	65.9
1951	167	604	36,016,095	4	11	65,163	171	615	36,081,258	56.6	65.8
1952	151	508	28,788,980				151	508	28,788,980	57.4	62.9
1953	127	388	29,129,556	1	1.	1,950	128	389	29,131,506	55.2	63.4
1954	111	334	25,204,139	3	5	14,945	114	339	25,219,084	55.3	60.4
1955	91	256	26,935,614				91	256	26,935,614	45.9	59.0
1956	82 80	220 194	28,095,001	1	3	5,000	83	223	28,100,001	43.8	58.8
1958	74	176	26,767,434 23,147,089				80 74	194 176	26,767,434 23,147,089	41.0 41.3	57.3 52.9
1959	65	155	23,355,034				65	155	23,147,089	40.9	51.5
1960	61	132	23.099.304				61	132	23,099,304	43.0	50.4
1961	55	113	22,203,257				55	113	22,203,257	43.0	49.2
1962	47	87	23,750,040				47	87	23,750,040	40.5	49.2
1963	42	90	24,426,009				42	90	24,426,009	36.2	47.3
1964	40	91	24,878,351				40	91	24,878,351	37.0	45.4
1965	36	76	25,571,422				36	76	25,571,442	37.0	43.9
1966	29	70	27,132,171				29	70	27,132,171	34.5	42.9
1967	25	61	27,650,000				25	61	27,650,000	32.5	42.7
1968	23 28	60 46	26,084,430 30,172,627				23 28	60 46	26,084,430 30,172,627	33.3 45.2	42.7 46.5
1970	29	53	31,615,570				28	53	31,615,570	45.2	48.7
1971	27	44	29,453,926				27	44	29,453,926	42.9	50.4
1972	26	36	31,715,795				26	36	31,715,795	44.1	48.4
1973	24	35	32,577,353				24	35	32,577,353	42.9	52.9
1974	23	36	31,104,112				23	36	31,104,112	41.8	53.6
1975	21	47	31,880,083				21	47	31,880,083	36.8	53.5

IV MECHANIZATION—TABLE 26—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED FOR TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES BY YEARS—1907-1968;\* ALL MINES—1969-1975

				Mined in strip	mines			M	achine mining					Motor hauling			
	70		٨	lumber of —	Per cent of —			Number	of	Per of			Numbe	er of —	Per	cent f —	
ear	Mines operated	Total tons mined	tons	Mines	Tons mined	Mines	Tons mined	Mines using	Machines used	Tons undercut	Mines	Tons	Mines using	Motors used	Tons hauled	Mines using	Tons
7789900112233451566718990011223345666679000000000000000000000000000000000	4111 407 384 389 380 387 380 387 380 371 373 389 373 389 373 389 2255 524 4241 162 162 172 182 173 183 184 185 185 185 185 185 185 185 185 185 185	46,436,839 47,889,730 47,958,562 47,225,021 48,758,657 56,096,695 60,515,416 59,279,182 56,172,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,568 51,72,57 51,721 72,409,610 73,440,837 73,410,837 70,324,333 10,001,259 61,406,033 73,410,837 70,324,333 10,001,259 61,956,608 31,402,399 51,956,608 31,402,399 51,956,608 31,402,399 51,956,608 31,402,399 51,956,608 31,402,399 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,956,608 51,958,608 51,9	15 4 4 4 2 3 3 5 5 4 4 3 3 3 3 5 16 6 11 18 6 15 11 17 15 16 17 17 15 16 17 20 28 28 27 30 28 6 27 30 28 6 27 30 28 6 27 30 28 6 27 30 28 6 27 30 28 6 27 30 28 6 27 30 30 30 30 30 30 30 30 30 30 30 30 30	20,946,982 20,999,859 22,482,457 25,194,264 27,863,966 30,714,714 33,726,863	3.3 1.3 1.1 1.2 1.7 1.1 1.5 1.5 1.1 1.5 1.5 1.5 1.5 1.5 1.5	11.1.2.2.3.3.3.6.6.6.5.5.6.6.6.9.9.12.2.0.11.7.7.6.5.1.16.7.6.9.9.12.0.0.2.1.1.1.15.2.21.1.1.15.5.1.16.7.6.9.9.12.0.0.3.0.3.0.3.0.3.0.3.0.3.0.3.0.3.0.3.		1,105 1,106 1,108 1,289 1,581 1,581 1,882 2,762 2,154 1,882 2,762 2,330 2,762 2,330 2,762 2,330 2,762 2,158 8,102 2,762 2,154 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,104 1,042 1,043 1,044	14,490,454 15,210,443 16,407,692 18,176,254 18,176,254 18,176,254 19,998,259 25,550,650 331,467,222,880 50,927,291 42,933,172 45,130,629 50,243,470 41,188,621 41,089,267 40,015,407 40,015	24.6 (25.7 ) 29.2 (27.9 ) 29.2	31.2 31.8 31.2 31.8 38.5 40.0 40.0 40.0 40.0 40.0 40.0 40.0 40	75 886 107 107 108 108 109 1172 240 259 269 269 269 269 269 269 269 278 182 278 182 278 182 278 182 278 182 183 183 184 185 185 185 185 185 185 185 185 185 185	129 185 185 186 186 186 186 186 186 186 186 186 186	16 542,575 19 024,685 21 892,482 23 3204,480 29 310,173 37,988,050 46,194,737 47,485,729 47,239,554 53,140,005 67,196,786 67,886,301 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196,786 67,196 67	18.3 22.6 32.5 32.5 34.5 50.4 50.4 50.4 50.4 50.6 62.8 62.8 62.8 62.8 62.8 62.8 62.8 62	35.6 36.8 36.8 460.2 76.5 80.2 84.4 90.2 87.3 90.4 90.4 90.4 90.4 90.4 90.4 90.7 95.3 97.7 95.3 97.7 95.3 97.7 96.5 97.7 96.5 97.7	

#### IV MECHANIZATION-TABLE 26-(Concluded)

				Mined in stri	p mine	s		M	1achine mining				N	Motor hauling		
			1	Number of –		er cent of –		Numbe	er of —		cent 		Number	r of —	Per of	
Year	Mines operated	Total tons mined	Mines	Tons mined	Mines	Tons mined	Mines using	Machines used	Tons undercut	Mines	Tons	Mines using	Motors used	Tons hauled	Mines using	Tons
1968 1969 1970 1971 1972 1973 1974 1975	48 62 64 63 59 56 55 57	57,670,671 64,832,584 64,884,103 58,415,239 65,521,394 61,548,670 58,072,640 59,039,019	25 34 35 36 33 32 32 36	34,142,920 34,659,957 33,268,533 28,961,313 33,805,599 28,971,317 26,968,528 27,658,936	52.1 54.8 54.7 57.1 55.9 57.1 58.2 63.2	59.2 53.5 51.3 49.6 51.6 47.1 46.4 46.5	14 18 18 15 14 11 10 10	44 51 53 44 44 35 36 47	23,527,751 30,172,627 31,615,570 29,453,926 31,715,795 32,577,353 31,104,112 31,880,083	29.2 29.0 28.1 28.6 23.7 25.0 18.2 18.0	40.8 46.5 48.7 50.4 48.4 52.9 53.6 54.0	11 15 11 13 12 12 11	64 73 49 89 79 97 104	7,237,522 8,252,837 6,489,554 7,091,251 8,014,927 10,629,476 9,700,532	22.9 24.1 17.2 20.6 20.3 21.4 20.0	12.5 12.7 10.0 12.1 12.2 17.2 16.7

<sup>\*</sup>Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in the table.

#### IV MECHANIZATION—TABLE 27— METHOD OF LOADING IN ALL MINES—1975

		Mobile Load	ting Machines	
Name of operator	Total tons produced	Number in use	Machine shifts used	Tons loaded
Amax Coal Company, Wabash	1,266,342	13°	3,066	1,266,342
Consolidation Coal Co., Hillsboro	1,802,434	11*	4,345	1,802,434
reeman United Coal Mng. Co. #3	1,957,096	13°	5,908	1,957,09
reeman United Coal Mng. Co. #4	867,469	5°	2,451	867,46
reeman United Coal Mng. Co. #6	1,374,371	10°	5,183	1,374,37
larrisburg Coal Co., Inc	104,248	1 1	444	104,24
nland Steel Coal Company #1	2,065,313	8*	4,302	2,065,31
fonterey Coal Company #1	2,866,991	11	4,450	2,866,99
Ild Ben Coal Company #21	1,598,678	15*	5,019	1,598,67
Ild Ben Coal Company #24	1,856,311	15*	4,924	1,856,31
Ild Ben Coal Company #26	1,578,531	14*	2,366	1,578,53
eabody Coal Company #10	4,102,982	7°3	4,800	4,102,98
eabody Coal Company "Baldwin"	1,883,646	7°	3,934	1,883,63
eabody Coal Co., "Eagle #2"	1,510,853	8	2,272	1,510,85
eabody Coal Co., River King #1	1,979,707	11*	3,058	1,979,70
ahara Coal Co., Inc., #20	453,118	2*3	1,500	453,11
ahara Coal Co., Inc., #21	574,939	3*4	2,179	574,93
eigler Coal Co., #4	595,063	3	2,232	595,06
eigler Coal Co., #5	1,166,251	6	4,464	1,166,25
eigler Coal Co., Murdock	1,399,694	4	3,012	1,399,69
eigler Coal Co., Spartan	876,046	4*4	2,080	876,04
Total	31.880.083	138*47		31,880,08

<sup>\*</sup> Continuous mining machines

### IV MECHANIZATION—TABLE 28—MECHANICAL LOADING IN SHIPPING MINES FOR FORTY-ONE YEARS— 1931-1968.\* ALL MINES—1969-1975

Year					Part of ou	.tput		Entire o			nt of —
	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Tons
931	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
932	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
933	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
934	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
935	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9 53.3
936	37 42	1,210 1,127	18,540,558 21,192,003	27 27	363 329	6,664,612 7,182,359	64 69	1,573 1,456	25,205,170 28,374,362	36.4 41.1	59.0
937	42	935	1,360,718	20	222	4.089.756	65	1,456	23,450,474	43.6	61.0
939	47	611	20.023.681	19	245	6.631.893	66	856	26,655,664	45.2	62.0
940	50	631	26,413,496	14	130	4,437,590	64	761	30.851.086	46.0	71.0
941	58	561	29,308,412	18	127	4,359,361	76	688	33,667,773	51.7	65.9
942	66	631	37,350,137	12	112	4,554,664	78	743	41,904,801	55.3	68.5
943	56	598	45,422,135	15	96	3.174.933	71	694	48,597,068	48.2	69.0
344	60	577	45,529,829	14	102	5,790,101	74	679	50,719,930	45.2	65.5
945	59	562	43,152,237	15	102	6,116,885	74	664	49,269,122	46.7	70.6
946	64	566	38,527,365	11	86	4,089,527	75	652	42,616,892	46.8	70.0
947	65	584	42,946,063	9	48	1,377,780	78	632	44,323,843	47.4	67.0
948	70	559	42,469,316	3	28	729,222	73	587	43,198,538	45.6	68.0
949	63 70	542	29,263,382	3	15	1,217,785	66	557	30,481,167	42.0 49.0	68.2
950 951	68	531 489	37,855,197 33,531,058	3	6	32,595 611,126	73 71	537 495	37,887,792 34,142,184	52.2	64.9
952	69	365	26.549.584	8	13	611,541	67	378	27.161.125	60.4	62.7
953	50	305	27,451,029	4	12	560.052	54	317	28.011.081	55.6	63.8
954	48	263	24,416,023	i	1	7,216	49	264	24,423,248	56.3	61.0
955	42	219	26.158.407	i	i	11.494	43	220	26,345,099	50.5	60.0
956	39	193	27,347,356				39	193	27,347,356	44.3	60.1
957	42	188	25,981,685				42	188	25,981,685	45.6	58.3
958	36	171	22,454,676				36	171	22,454,676	42.4	53.7
959	37	162	22,912,080				37	162	22,912,080	44.6	52.7
960	38	154	22,731,002				38	154	22,731,002	48.7	52.0
961	29	148	21,813,301				29	148	21,813,301	43.3	50.9
962	27 25	102 112	22,780,517				27	102	22,780,517	42.2	48.2
964	25 28	124	23,181,300 24,024,501				25 28	112 124	23,181,300	37.3 41.2	46.3
965	24	123	24,737,416				24	123	24,024,501 24,737,416	38.1	44.6
966	21	123	25,535,590				21	123	25,535,590	37.5	43.1
967	20	118	25,694,344				20	118	25,694,344	38.5	42.5
968	23	127	23,527,751				23	127	23,527,751	47.9	40.8
969	27	151	30,169,400				27	151	30,169,400	43.5	46.5
970	28	159	31,612,749				28	159	31,612,749	43.8	48.7
971	27	159	29,453,926				27	159	29,459,926	42.9	50.4
972	26	159	31,715,795				26	159	31,715,795	44.1	48.4
973	24	164	32,577,353				24	164	32,577,353	42.9	52.9
974 975	23 21	168 185	31,104,112 31,880,083				23 21	168 185	31,104,112 31,880,083	41.8 36.8	53.6 53.5

<sup>\*</sup>Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

### IV MECHANIZATION—TABLE 29—METHOD OF LOADING IN SHIPPING MINES FOR FORTY-ONE YEARS— 1931-1968,\* ALL MINES—1969-1975

		Loading ma	echines		By hand	Si	rip mines	Per cent	of output	loaded
Year	Mines	Ma- chines	Tons loaded	Mines	Tons loaded	Mines	Tons loaded	By ma- chines	By hand	Strip mines
1931	74	2,420	22,445,782	114	14.078.400	16	6,548,798	52.1	32.7	15.2
1932	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935	54	1,626	20,651,707	100	12,277,358	28	7,481,349	49.9	32.1	18.0
1936	64	1,573	25,205,170	82	13,207,189	30	8,873,229	53.3	28.0	18.7
1937	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2 26.3
1939	66	856	26,655,664	54	5,042,896	27	11,295,547	62.0 66.0	11.7 6.8	27.2
1940	64	761	30,851,086	59	3,156,987	27 30	12,024,635	65.9	7.8	26.1
1941	76	688 743	33,667,773 41.904.801	59 32	3,998,459 3,308,666	28	13,367,089 15,937,681	68.5	5.0	24.2
1942	78 71	694	48,597,068	47	4.889.841	26	15,484,712	71.4	7.0	21.6
1944	74	679	50.719.930	52	6,130,465	31	17,108,528	68.5	8.3	23.1
1945	64	664	49,269,122	62	4,849,416	37	16.203.763	70.6	6.8	22.0
1946	75	652	42,616,892	47	3.831.940	36	14.302.739	70.2	6.3	23.5
1947	76	600	44,323,843	49	3,191,727	38	14,821,339	67.8	4.8	27.4
1948	73	587	43,198,538	44	2.350.818	45	16.758.306	69.0	4.0	27.0
1949	66	557	30,481,167	46	1,455,470	45	12,835,980	68.0	3.0	29.0
1950	73	537	37.887.792	40	1.575.188	39	16,469,126	69.7	2.9	30.3
1951	71	495	34,142,184	32	1,162,982	33	17,289,932	64.9	2.2	32.9
1952	67	378	27,161,125	17	772,286	27	15,340,989	62.7	1.8	35.5
1953	54	317	28,011,081	14	340,506	29	15,495,734	63.9	0.8	35.3
1954	49	264	24,423,248	11	206,476	28	15,388,078	61.0	0.5	38.5
1955	43	220	26,345,099	8	186,692	35	17,535,630	60.0	0.4	40.0
1956	39	193	27,347,356	7	150,039	42	18,041,603	60.1	0.3	39.6
1957	42	188	25,981,685	4	111,329	50	18,439,200	58.3	0.3	41.4
1958	36	171	22,454,676	4	83,519	49	19,318,772	53.7	0.2	46.1 47.2
1959	37	162	22,912,080	3 2	71,129 25,398	46 40	20,532,528 20,946,982	52.7 52.0	40.2 0.1	47.9
1960	38 29	154 148	22,731,002 21,813,301	2	12,751	36	20,946,982	50.9	0.1	49.0
1962	29	102	22,780,517		12,751	37	22,482,457	50.3	0.1	49.7
1963	25	112	23,181,300			42	25,194,264	47.9		52.1
1964	28	124	24,024,501			40	27,863,966	46.3		53.7
1965	24	123	24,737,416			39	30.714.714	44.6		55.3
1966	21	123	25,535,590			35	33.726.863	43.1		56.9
1967	20	118	25,694,344			32	34,794,177	42.5		57.5
1968	23	127	23,527,751			25	34,142,920	40.8		59.2
1969	27	151	30,169,400	1	3,227	34	34,659,957	46.5		53.4
1970	28	159	31,612,749	1	2,821	35	33,268,533	48.7	.004	51.3
1971	27	159	29,453,926			36	28,961,313	50.4		49.6
1972	26	159	31,715,795			33	33,805,599	48.4		51.6
1973	24	164	32,577,353			32	28,897,317	52.9		47.1
1974	23	168	31,104,112			32	26,968,528	53.6		46.4
1975	21	185	31,880,083			36	27,658,936	53.5		46.5

<sup>\*</sup>Statistics from 1969 to present are not comparable with those of prior years as they include local mines which were not reported previously in this table.

### ANALYTICAL LABORATORY

The Department of Mines and Minerals Analytical Laboratory was established in 1948 by the State Legislature.

The investigation of the Centralia, Illinois mine disaster which claimed the lives of 111 miners in the spring of 1948 established the fact that Illinois needed an Analytical Laboratory for the health and safety of coal miners.

The Analytical Laboratory of the Department of Mines and Minerals consists of two divisions: Safety and Coal Analysis.

### Safety Division

The purpose of this division is to analyze atmosphere samples for oxygen, explosive and noxious gases to comply with the Coal Mining Act. Mine dust samples are analyzed for the percentages of combustible and incombustible materials to determine flame propagating characteristics. Atmosphere samples are collected from coal, spar, metal mines and quarries in the State of Illinois, thus ascertaining compliance with State mining laws in regard to health and safety conditions.

The Department Laboratory this year adopted atmospheric analysis using a gas chromatography method which is far more accurate, economic and rapid. Samples are taken from a number of points in each mine at least once per month and mailed to the Department in 10 ml vacuum containers. While routine analysis is usually performed at the Department, mine fires and other emergencies may require a portable gas chromatograph at the scene for rapid analysis of samples that can reveal conditions deep underground.

Samples are analyzed for CO,  $CO_2$ , methane, oxygen and nitrogen with a four-column gas chromatograph using a nickel nitrate catalytic converter to convert CO and  $CO_2$  to methane for detection in a flame ionization detector. Oxygen and nitrogen are detected by a thermal conductivity detector. An electronic integrator is also used to increase accuracy in the system.

### Coal Analysis

The coal analysis program was designed to insure the quality of coal purchased for State institutions by the State of Illinois. The

program was planned by the State Purchasing Department and the Director of the Department of Mines and Minerals.

The plan is for frequent samples from State mental, charitable, penal institutions and State universities using coal to assure quality coal is supplied.

Within an average month, numerous samples of coal are pulverized and delivered to the Analytical Laboratory, where they are analyzed. If delivered coal does not meet contract specifications, the State may level penalties as provided in the contracts.

As a result of this program, General Services Purchasing Division is able to procure better grades of coal for less money. In addition, an estimated 20% efficiency was realized in heating the various state institutions.

Early in 1970, a new Mine Rescue Station and Analytical Laboratory Building at 503 East Main Street, Benton, Illinois was completed. The modern one-story building, covering 13,372 square feet, houses the latest of mine rescue and laboratory equipment. This is the first permanent building for the laboratory since its establishment in 1948.

### DEPARTMENT OF MINES AND MINERALS

### ANALYTICAL LABORATORY

### **Employees**

Supervisor George W. Sneddon

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Lab Tech II John Mitchell

Route 2

West Frankfort, Illinois 62896

Lab Tech II Bernice Mitchell

Route 2

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Lab Tech II Zudora Hadfield

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Lab Tech II Barbara Spencer

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Adm. Serv. Wrk. Tr. Mary Payne

Route 1

Macedonia, Illinois 62860

Clerk Steno II Mary Bauer

Route 2

Benton, Illinois 62812

### REPORT OF MINERS' EXAMINING BOARD DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

Date	Place of Meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
nuary 2	Benton	15	
3	Tuscola	10	
4	Mt. Carmel	5	
6 7	Springfield	0 13	
8	DuQuoin.	9	
9	Taylorville.	8	
10	Eldorado.	4	
11	Carrier Mills	4	
13	Gillespie	6	
14	Freeburg	23	
15	Zeigler	12	
oruary 3	Springfield	2	
4	Benton	29	
5	Tuscola	31	
6	Sesser	16	
7	DuQuoin	2 8	
8	Zeigler	8	
10	Gillespie	16 8	
11 12	Eldorado	6	
13	Freeburg	30	
13	Harrisburg	7	
15	Carrier Mills	7 8	
rch 3	Springfield	5	
4	Benton	22	
5	Marion	5	
6	Tuscola	14	
7	DuQuoin	13 7	
8	Mt. Carmel	7	
10	Gillespie	7	
11	Eldorado	5	
12	Harrisburg	1	
13	Taylorville	8	
14	Freeburg	25	
15	Sesser	11 14	
ril	Tuscola Benton	7	
3	Sesser	6	
4	DuQuoin.	2	
5	Gillespie	11	
ž	Springfield	1	
8	Eldorado	5	
9	Freeburg	8	
10	Zeigler	3	
11	Taylorville	1	
12	Carrier Mills	1	
14	Mt. Carmel	10	
ay 5	Springfield	1	
6	Benton	22	
7	Marion	13	
8	Gillespie	7	
9	DuQuoin	1	
10	Sesser	9 2 4	
12 13	Taylorville.	4	
13	Eldorado	4	
15	Tuscola	22	
16	Harrisburg	4	
17	Zeigler	6	
ne 2	Springfield	0	
3	Benton	7	
4	Freeburg	1	
5	Tuscola	17	
6	DuQuoin	4	
7	Sesser	3	
9	Taylorville	3 3 5 8	
10	Eldorado	5	
11	Gillespie	8	
12	Harrisburg	10	
13 14	Herrin	17	\$2.0
	I WILL CONTINE	17	92.0

### REPORT OF MINERS' EXAMINING BOARD DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND AMOUNT OF FEES COLLECTED

17	Date	Place of Meeting	Number of certificates issued	Fees collected for duplicate copies of certificates
15	luby 14	Springfield	1	
16				
17				
19			3	
21	18	DuQuoin	3	\$2.0
21		Mt. Carmel		
23	21	Tuscola		
24	22		7	
25		Freeburg	2	
26	24	Harrisburg		
ugust         4         Springfield         1           6         Marion         7           7         Tuscola         19           8         Freeburg         26           2         Elgler         7           11         Taylorville         2           12         Eldorado         8           15         Sesser         7           16         Mt. Carmel         11           15         Sesser         3           6         Mt. Carmel         11           9         Taylorville         10           10         4         Taylorville         10           4         Taylorville         10           5         Berton         16         6           6         Gillspie         7           8         Eldorado         6         6           9         DuQuoin         5         9           10         Tuscole         13         13           10         Tuscole         13         14           10         Tuscole         14         14           11         Tuscole         26         15	25	l aylorville	3	
5         Benton.         17           6         Marion.         7           7         Tuscola         119           8         Freeburg.         26           9         Zeigler.         7           11         Taylorville.         2           12         Eldorado.         8           13         DuChoin.         15           14         Gillespie.         5           15         M. Carmel.         11           16         M. Carmel.         11           17         Sesser.         3           3         Sesser.         3           4         Taylorville.         10           6         Gillespie.         7           7         Eldorado.         6           9         DuCuoin.         5           5         Benton.         10           10         Tuscola         19           11         Freeburg.         13           12         Zeigler.         14           13         Mt. Carmel.         10           14         Freeburg.         10           15         Carrier Mills.         4		Springfield		
6         Marion         7           7         Tuscola         19           8         Freeburg         26           9         Zeigler         7           11         Taylorville         2           12         Eldorado         8           13         DuQuoin         15           14         Gillespie         5           15         Sesser         7           16         Mt. Carmel         11           17         Mt. Carmel         11           18         Sesser         7           2         Springfield         1           3         Sesser         10           4         Taylorville         10           6         Gillespie         7           6         Gillespie         7           7         Beldorado         7           9         DuQuoin         5           10         Tuscola         19           11         Treeburg         13           12         Zeigler         14           4         Carrier Mills         4           4         Gillespie         6           2	5			
7 Tuscola 19 8 Freeburg 26 9 Zeigler 7 11 Taylorville 2 12 Eldorado 8 13 DuCuoin 155 14 Gillespie 5 15 Sesser 7 16 Mt. Carmel 11 2 Syrville 10 2 Sesser 7 10 Tuscola 8 10 Tuscola 9 11 Tuscola 9 11 Tuscola 9 11 Tereburg 13 12 Zeigler 7 13 Mt. Carmel 10 15 Carmel 10 16 Carmel 10 17 Sesser 15 18 Tuscola 9 19 DuCuoin 5 11 Freeburg 13 13 Mt. Carmel 10 10 Tuscola 19 11 Freeburg 13 13 Mt. Carmel 10 10 Carmel 10 11 Sesser 15 15 Carmel 10 10 Carmel 10 11 Sesser 15 15 Carmel 10 10 Carmel 10 11 Sesser 15 12 Zeigler 14 13 Mt. Carmel 10 10 Carmel 10 11 Sesser 15 12 Zeigler 9 13 Mt. Carmel 10 14 Taylorville 10 16 Gillespie 9 17 Freeburg 10 18 Harrisburg 10 19 Freeburg 10 10 Tuscola 10 10 Tuscola 10 11 Tuscola 10 11 Tuscola 10 12 Tuscola 10 13 Tuscola 10 14 Taylorville 11 15 Carmel 11 16 Carmel 11 17 Freeburg 10 18 Harrisburg 10 19 Freeburg 10 10 Tuscola 11 11 Tuscola 11 12 Tuscola 11 13 Tuscola 11 14 Taylorville 11 15 Tuscola 11 16 Tuscola 11 17 Tuscola 11 18 Tuscola 11 18 Tuscola 11 19 Tuscola 11 11 Tuscola 11 11 Tuscola 11 12 Tuscola 12 13 Tuscola 12 14 Taylorville 11 15 Tuscola 12 16 Tuscola 12 17 Tuscola 12 18 Tuscola 12 19 Tuscola 12 10 Tuscola 12 11 Tuscola 12 11 Tuscola 12 12 Tuscola 13 13 Tuscola 14 14 Taylorville 11 15 Tuscola 12 16 Tuscola 12 17 Tuscola 12 18 Tuscola 12 19 Tuscola 12 10 Tuscola 12 11 Tuscola 12 12 Tuscola 13 13 Tuscola 14 14 Taylorville 11 15 Tuscola 14 16 Tuscola 15 17 Tuscola 14 18 Tuscola 14 19 Tuscola 14 10 Tuscola 14 11 Tuscola 15 11				
8         Freeburg         26           9         Zeigler         7           11         Taylorville         2           12         Eldorado         8           13         DuQuoin         15           14         Gillespie         5           15         Sesser         7           16         Mt. Carmel         11           15         Sesser         3           3         Sesser         33           4         Taylorville         10           6         Bernon         16           6         Bernon         16           6         Gernon         7           6         Gernon         7           6         Gernon         16           7         Bernon         16           8         Bernon         16           9         DuQuoin         5           10         Tuscola         19           11         Treeburg         13           12         Zeigler         14           13         Mt. Carmel         10           14         Carrier Mills         4           4				
9 Zeigler	8		26	
111         Taylorville.         2           12         Eldorado.         8           13         DuQuoin.         15           14         Gillespie.         5           15         Sesser         7           16         Mt. Carmel.         11           18         Mt. Carmel.         11           2         Springfield.         1           3         Sesser         3           4         Taylorville.         10           6         Gillespie.         7           7         Benton.         16           8         Benton.         16           9         DuQuoin.         6           9         DuQuoin.         6           10         11         Treeburg.         13           12         Zeigler.         14           13         Mt. Carmel.         10           10         10         19           11         Treeburg.         13           12         Zeigler.         14           13         30         Eldorado.         15           14         Triscola.         12           15         Carrie	9	Zeigler		
12	11	Taylorville	2	
14   Gillespie   5   5     15   Sesser   7     16   Mt. Carmel   11     3   3   Sesser   3     4   Taylorville   10     5   Bernton   16     6   Gillespie   6     7   Gillespie   7     8   Gillespie   7     9   Gillespie   7     10   Tuscola   19     11   Freeburg   13     12   Zeigler   14     13   Mt. Carmel   10     15   Carrier Mills   4     4   Ctober   1   Sesser   15     7   Gillespie   6     8   Gillespie   6     9   Gillespie   6     10   Tuscola   19     11   Freeburg   19     12   Zeigler   14     13   Mt. Carmel   10     14   Ctober   1   Sesser   15     15   Carrier Mills   4     4   Gillespie   6     6   Springfield   4     7   Gillespie   6     8   Harrisburg   10     10   Zeigler   9     11   Mt. Carmel   16     10   Zeigler   9     11   Mt. Carmel   16     12   Carrier Mills   13     14   Taylorville   13     15   Gillespie   16     16   Gillespie   17     17   Gillespie   19     18   Gillespie   19     19   Gillespie   10     10   Tereburg   10     11   Gillespie   10     12   Gillespie   10     13   Tuscola   13     14   Taylorville   13     15   Gillespie   10     16   Gillespie   10     17   Gillespie   10     18   Gillespie   10     19   Gillespie   10     10   Gillespie   10     10   Gillespie   10     11   Gillespie   10     12   Carrier Mills   10     13   Tuscola   10     14   Harrisburg   10     15   Gillespie   10     16   Gillespie   10     17   Gillespie   10     18   Gillespie   10     19   Gillespie   10     10   Gillespie   10     10   Gillespie   10     11   Gillespie   10     12   Carrier Mills   10     13   Taylorville   10     14   Taylorville   10     15   Gillespie   10     16   Gillespie   10     17   Tereburg   10     18   Taylorville   10     19   Taylorville   10     10   Taylorville   10     11   Tereburg   10     11   Tereburg   10     12   Carrier Mills   4     13   Zeigler   7	12	Eldorado	8	
15	13			
16	14	Gillespie	5	
eptember 2 Springfield 1 1		Sesser		
3   Sesser   3   3   4   Tayloville   10   10   16   6   6   6   6   6   6   6   7   7	16			
4	eptember 2	Springfield		
5         Bernon.         16           6         Gillespie.         7           8         Eldorado.         6           9         DuQuoin.         5           10         Tuscola.         19           11         Freeburg.         13           12         Zeigler.         14           13         Mt. Carriel.         10           ctober.         1         Sesser.         15           2         Tuscola.         26           2         Tuscola.         26           3         Eldorado.         5         5           4         Gillespie.         6         4           6         Springfield.         22         14           8         Hill.         44         10         10           9         Freeburg.         10         10         10         10         10           11         Mt. Carmel.         16         10         <				
6 Gillespie 7 8 Eldorado 6 9 DuQuoin 5 10 Tuscola 19 11 Freeburg 13 12 Zeigler 14 13 Mt. Carmel 10 15 Carmer Mills 44 15 Sesser 15 16 Gillespie 6 17 Freeburg 26 18 Harrisburg 26 19 Gillespie 7 10 UQuoin 6 10 Zeigler 9 10 Zeigler 9 11 Mt. Carmel 10 10 Zeigler 9 11 Mt. Carmel 16 12 Taylorville 13 13 Sesser 1 14 Taylorville 13 15 Carmer Mills 10 16 Gillespie 6 17 Freeburg 10 18 Freeburg 10 19 Freeburg 10 10 Zeigler 11 10 Zeigler 11 11 Mt. Carmel 16 12 Tuscola 13 13 DuQuoin 6 14 Taylorville 13 15 Sesser 1 16 Treeburg 10 17 Freeburg 11 18 Sesser 11 19 Sesser 11 19 Sesser 11 10 Zeigler 10 10 Zeigler 11 11 Tuscola 11 11 Eldorado 12 12 DuQuoin 6 13 Tuscola 12 14 Harrisburg 11 15 Zeigler 11 17 Sesser 11 18 H. Carmel 10 19 Gillespie 2 2 Eldorado 12 2 DuQuoin 6 10 Gillespie 12 2 Eldorado 12 2 Eldorado 12 3 Tuscola 13 3 Tuscola 14 4 Harrisburg 11 3 Tuscola 13 3 Tuscola 14 4 Harrisburg 11 5 Petrore 11		l aylorville		
8         Eldorado.         6           9         DuQuoin.         5           10         Tuscola         119           11         Freeburg         13           12         Zeigler         14           13         Mt. Carmel         10           ctober         15         Carrier Mills         4           ctober         1         Sesser         15           2         Tuscola         26         Education           3         Eldorado         5         5           4         Gillespie         6         4           6         Springfield         22         2           8         Herreburg         10         10           9         Freeburg         8         9           10         Zeigler         9         9           11         Mt. Carmel         16         10           12         Zeigler         9         9           12         Tyloviille         13         10           ovember         3         Springfield         0         0           ovember         3         Springfield         0         0		Cillegrie		
9 DuQuoin 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8			
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11	10			
12   Zeigler   14   14   15   16   16   17   17   18   19   19   19   19   19   19   19		Freehurg		
13         Mt. Carmel         10           ctober         15         Carrier Mills         4           ctober         1         Sesser         15           3         Eldorado         5         6           4         Gillespie         6         6           6         Springfield         4         2           7         Berbütung         22         2           8         Herbütung         10         8           9         10         Freebung         8           10         Zeigler         9         9           11         Mt. Carmel         16         0           12         Duduoin         6         6           13         Duduoin         6         6           0 veember         3         Springfield         0         0           4         Sesser         1         1         1         1           4         Sesser         1		Zeigler		
15	13	Mt. Carmel	10	
2 Tuscola         26           3 Eldorado.         5           4 Gillespie.         6           6 Springfield.         4           7 Benton.         22           8 Harrisburg.         10           9 Freeburg.         8           10 Zeigler.         9           11 Mt. Carmel.         16           12 DuGuoin.         6           13 DyJugnin.         13           0vember         3 Springfield.         10           0vember         4 Springfield.         10           0vember         4 Springfield.         1           0vember         4 Springfield.         1           0vember         4 Springfield.         1           1 Springfield.         1         1           2 Benton.         4         4           3 Benton.         1         4           10 Gillespie.         2         2           11 Eldorado.         12         2           12 DuGuoin.         6         6           1 Tuscola         3         3           2 Elemon.         7         7           2 Elemon.         7         4           3 Tuscola	15			
2 Tuscola         26           3 Eldorado         5           4 Gillespie         6           6 Springfield         4           7 Benton         22           8 Harrisburg         10           9 Freeburg         8           10 Zeigler         9           11 Mt. Carmel         16           12 Typolifie         13           ovember         3           3 Springfield         10           4 Sesser         1           5 Benton         4           6 Tayloville         6           7 Freeburg         1           10 Gillespie         2           2 Eldorado         12           2 DuCuoin         6           3 Tuscola         3           14 Harrisburg         3           3 Tuscola         3           4 Harrisburg         3           3 Tuscola         1           4 Benton         7           2 Benton         7           4 Carrier         11           1 Tuscola         3           2 Tuscola         3           3 Tuscola         3           4 Tuscola         1	ctober 1	Sesser	15	
3	2	Tuscola		
6         Springfield         4           7         Benton         22           8         Harrisburg         10           9         Freeburg         8           10         Zeigler         9           11         Mt. Carmel         16           13         DuCluoin         6           14         Taylorville         13           ovember         3         Springfield         0           4         Sesser         1           5         Benton         4         4           6         Taylorville         6         6           7         Freeburg         1         1           8         Mt. Carmel         12         2           10         Gillespie         2         2           11         Harrisburg         3         3           12         DuCluoin         6         1           12         Eigler         11           13         Tuscole         4           4         Sesser         2           2         DuCluoin         2           4         Sesser         2           2 <t< td=""><td>3</td><td>Eldorado</td><td></td><td></td></t<>	3	Eldorado		
8 Harrisburg         10           9 Freeburg         8           10 Zeigler         9           11 Mt. Carmel         16           13 DuCuoin         6           14 Taylorville         13           ovember         3 Springfield         0           4 Sesser         1           5 Benton         4           6 Taylorville         6           7 Freeburg         1           10 Gillespie         2           2 Benton         12           11 Eldorado         12           12 DuCluoin         6           3 Tissoile         3           14 Zeigler         3           15 Pringfield         11           2 Benton         7           2 Benton         7           2 DuCuoin         2           2 DuCuoin         1           2 DuCuoin         2           2 DuCuoin         2           2 Benton         7           3 Tissoile         4           4 Sesser         2           5 DuCuoin         2           6 Mt. Carmel         3           8 Gillespie         1           10 Eld	4	Gillespie	6	
8         Harrisburg         10           9         Freeburg         8           10         Zeigler         9           11         Mt. Carmel         16           13         DuCluoin         6           14         Taylorville         13           ovember         3         Springfield         0           4         Sesser         1           5         Benton         4           6         Taylorville         6           7         Freeburg         1           10         Gillespie         2           2         Eldorado         12           12         DuCluoin         6           3         Taylorville         3           12         DuCluoin         6           13         Taylorville         12           2         DuCluoin         6           3         Taylorville         11           2         Benton         7           2         DuCluoin         2           4         Sesser         2           2         DuCluoin         2           3         Taylorville         10     <	6			
9 Freeburg 8 8	7			
10	8	Harrisburg	10	
11		rreeburg		
13         DuGuoin         6           14         Taylorville         13           ovember         3         Springfield         0           4         Sesser         1           5         Benton         4           6         Taylorville         6           7         Freeburg         1           8         Mt. Carmel         10           10         Gillespie         2           2         Eldorado         12           12         DuGuoin         6           13         Tuscola         3           14         Harrisburg         3           15         Zeigler         11           2         Springfield         1           2         Springfield         1           3         Tuscola         4           4         Sesser         2           2         DuGuoin         2           4         Sesser         2           5         DuGuoin         2           4         Sesser         3           5         Gillespie         1           6         Mt. Carmel         3		Ma Carrel		
14				
Symmytel   O   O   Symmytel   O   O   O   O   O   O   O   O   O		Taylonville		
4 Sesser 1 1 5 Benton 4 6 1 Taylorville 6 6 7 7 Freeburg 1 1 8 Mt. Carmel 10 Gillspie 2 2 11 Eldorado 12 DuQuin 6 6 13 Tuscole 3 3 Harrisburg 3 3 15 Zeigler 11 Sesser 2 2 DuQuin 7 7 7 3 1 Tuscole 1 1 Seigler 1 1 Sesser 2 2 DuQuin 1 1 Sesser 2 2 DuQuin 1 1 Sesser 2 2 DuQuin 1 1 Sesser 3 3 Harrisburg 1 1 Seigler 1 1 Sesser 1 2 Seigler 1 1 Sesser 2 2 DuQuin 2 Sesser 3 3 Sesser 3 Sesser 3 3 Sesser 3 Sesse		Springfield		
5         Benton         4           6         Taylorville         6           7         Freeburg         1           8         Mt. Carmel         10           10         Gillespie         2           2         Lil         Lidorado           11         Eldorado         12           2         DuCluoin         6           3         3         3           4         Harrisburg         3         3           3cember         15         Zeigler         11         1           2cember         1         Springfeld         1         1         2           3         Totola         7         7         1           4         Totola         7         2         2           5         DuCluoin         2         2         2         2           4         Totola         3         3         3         3         3         3         3         3         3         3         3         3         4         4         4         4         4         4         4         4         4         4         4         4         4         <		Sesser		
6 Taylorville. 6 7 Freeburg 1 8 Mt. Carmel 10 10 Gillespie. 2 11 Eldorado. 12 12 DuQuoin. 6 13 Tuscols 3 14 Harrisburg 3 15 Zeigler 11 2 Benton 7 2 Benton 7 4 Sesser 2 5 DuQuoin. 2 6 Mt. Carmel 3 8 Gillespie. 11 9 Taylorville. 10 10 Eldorado. 12 10 Eldorado. 12 11 Springfield 1 1 Sesser 1 2 Benton 1 1 Sesser 2 2 DuQuoin. 2 6 Mt. Carmel 3 8 Gillespie. 1 9 Taylorville. 10 10 Eldorado. 16 11 Freeburg 1 12 Carrier Mills 4 13 Zeigler 7	5			
7 Freeburg 1 1	6	Taylorville		
8     Mt. Carmel.     10       10     Gillespie.     2       11     Eldorado.     12       12     DuQuoin.     6       13     Tuscola     3       14     Harrisburg     3       15     Zeigler     11       2     Benton     7       3     Tuscola     4       4     Sesser     2       5     DuQuoin.     2       6     Mt. Carmel.     3       8     Gillespie.     1       9     Taylorville.     10       101     Eldorado.     16       11     Freeburg     1       12     Carrier Mills     4       13     Zeigler     7	7	Freeburg	1	
11     Eldorado.     12       12     DuQuoin.     6       13     Tuscola     3       14     Harrisburg     3       15     Zeigler     11       scember     1     Spingfield     1       2     Benton     7     7       3     Tuscola     4     4       4     Sesser     2     2       5     DuQuoin.     2     2       6     Mt. Carmel     3     3       8     Gillespie     1     1       9     Taylorville     10     10       101     Eldorado.     16     11       11     Freeburg     1     1       12     Carrier Mills     4     4       13     Zeigler     7		Mt. Carmel		
12     DuQuoin.     6       13     Tuscola     3       14     Harnsburg     3       scember     15     Zeigler     11       scember     1     Springfield     1       1     Betrion.     7     2       2     Betrion.     2     2       4     4     2     2       5     Soserio.     2     2       6     Mt. Carmel     3     3       8     Gillespie     1     1       9     Taylorville.     10     10       101     Eldorado.     16     11       11     Freeburg     1     1       12     Carrier Mills     4     4       13     Zeigler     7	10	Gillespie	2	
13         Tuscola         3           14         Harrisburg         3           15         Zeigler         11           scember         1         Springfield         1           2         Benton         7           3         Tuscola         4           4         Sesser         2           5         DuQuoin         2           6         Mt. Carmel         3           8         Gillespie         1           9         Taylorville         10           10         Eldorado         16           11         Freeburg         1           12         Carrier Mills         4           13         Zeigler         7			12	
14         Harrisburg         3           scember         15         Zeigler         11           15         Zeigler         11           1         Springfield         1         1           2         Benton         7         7           3         Tuscole         4         4           4         Sesser         2         2           5         DuQuoinel         2         3           8         Gil cate         3         1           9         Taylorville         10         10           10         Eldorado         16         11           11         Freeburg         1         1           12         Carrier Mills         4         4           13         Zeigler         7         7	12	DuQuoin		
15		Tuscola	3	
Springfield   1		Harrisburg		
2     Benton     7       3     Tuscole     4       4     Sesser     2       5     DuQuoin     2       6     Mt. Carmel     3       8     Gillespie     1       9     Taylorville     10       101     Eldorado     16       11     Freeburg     1       12     Carrier Mills     4       13     Zeigler     7	noomber 15	Covingfield		
3     Tuscola     4       4     4     Sesser     2       5     DuQuoin.     2     2       6     Mt. Carmel.     3     3       8     Gillespie.     1     1       9     Taylorville.     10     10       Eldorado.     16     1       11     Freeburg.     1     1       12     Carrier Mills.     4       13     Zeigler.     7	scember 1	Springrieid	1	
4 Sesser 2 5 DuQuoin. 2 6 Mt. Carmel 3 8 Gillespie. 1 9 Taylorville. 10 10 Eldorado. 16 11 Freeburg 1 12 Carrier Mills 4 13 Zeigler 7	2	Tuecola	1	
5 DuQuoin. 2 6 Mt. Carmel. 3 8 Gillespie. 1 9 Taylorville. 10 10 Eldorado. 16 11 Freeburg. 1 12 Carmer Mills. 4 13 Zeigler. 7	4	Sesser	2	
6 Mt. Carmel 3 3 6 Gillespie 1 1 9 Taylorville. 10 Eldorado. 16 1 1 Freeburg 1 1 2 Carrier Mills 4 4 13 Zeigler 7	5	DuQuoin		
8         Gillespie         1           9         Taylorville         10           10         Eldorado.         16           11         Freeburg         1           12         Carrier Mills         4           13         Zeigler         7	6		3	
9 Taylorville. 10 10 Eldorado. 16 11 Freeburg 1 12 Carrier Mills 4 13 Zeigler 7		Gillespie		
10 Eldorado. 16 11 17 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	9			
11         Freeburg         1           12         Carrier Mills         4           13         Zeigler         7		Eldorado		
12 Carrier Mills 4 13 Zeigler 7	11	Freeburg	1	
13 Zeigler 7	12	Carrier Mills		
1 101	13	Zeigler	7	
			1 101	44.0

Marion         47         June 19,1922         Marion         Bennon           Mariotophee         26         Metch 21,1948         Horm         Bennon           Mariotophee         27         March 8, 1947         Hrv         Bennon           Wast Fankfort         27         March 8, 1947         Herrin         Bennon           Wast Fankfort         27         March 8, 1947         Herrin         Bennon           Wast Fankfort         28         February 5, 1938         Wast Fankfort         Bennon           Benton         20         May 8, 1952         Herrin         Bennon           Wast Fankfort         38         Settember 9, 1941         Bennon           Benton         38         Settember 9, 1941         Benton           West Fankfort         47         August 24, 1954         Benton           West Fankfort         47         August 24, 1954         Benton           West Fankfort         47         August 24, 1954         Benton           May 20, 1944         1845         Christopher         Benton           May 21, 1945         1845         Churkstopher         Benton           May 21, 1945         1845         Churkstopher         May 21, 1945      <	Name of applicant	Post Office address	Age	Date of birth	Birthplace	Years experi- ence	Place of examination	Date of examination	Certifi- cate number
March 31, 1948   Herin   Benton   Benton   Benton   Bull	Slen Weslev Borum	Marion	47	June 19, 1927	Marion	-	Benton	January 2, 1975	12,125
Bulload         21         June 4, 1947         Committee         Destination           Bulload         27         August 5, 1947         Hern         Bention           West Frankfort         27         August 5, 1947         Hern         Bention           West Frankfort         28         Bention         Bention           West Frankfort         28         Bention         Bention           Bention         23         Stanch 3, 1824         Bention           Chair Service         20         August 5, 1834         Bention           Pention         23         August 24, 1854         Bention           May 1, 1833         Bention         Bention           May 2, 1824         Contristopher         Bention           May 1, 1833         May 2, 1835         Contristopher         Bention           May 1, 1833         May 1, 1833         May 2, 1826         Sentiment         Bention           May 1, 1834         May 1, 1833         May 1, 1834         Tuscole         Tuscole           Javaray 1, 1945         Sulfikan, Ind         1         Tuscole         Tuscole           Javaray 1, 1845         Javaray 1, 1845         Javaray 1, 1846         Juscole         May 2, 1846	Jimmy A. Walker	Christopher	56	March 31, 1948	Herrin		Benton	January 2, 1975	12,126
March C. 27   August B. 24   Hernin   Benton Course Frankfor 27   August B. 24   Hernin   Benton Course Frankfor 27   August B. 32   August B. 33   August B. 34   August	Jimmy N. Smiley	Marion		June 4, 1943	Corinth		Benton	January 2, 1975	12,12/
West Frankford         27         August 50.357         Herm         Bemon           West Frankford         27         August 50.32         West Frankford         2         Bemon           West Frankford         28         Repowent 51.39.22         West Frankford         2         Bemon           Benton         28         Septamen 6. 1934         Benton         Benton         Benton           Benton         40         May 13. 1934         Christopher         Benton         Benton           May 21. 1833         Rock City         Benton         Benton         Benton           May 21. 1834         May 11. 1833         Rock City         Benton         Inscole           Bandowille, Ind.         20         August 74. 1835         Colimitopher         Benton         Inscole           May 21. 1835         August 74. 1835         Colimitos, Ind.         Benton         Inscole         Inscole           January 22. 1846         Specimental 1. 184.         South Bend, Ind.         Inscole         Inscole           January 22. 1846         Specimental 1. 184.         December 1. 184.         Inscole         Inscole           January 22. 1846         Specimental 1. 184.         Benton         Inscole         Inscole	Charles M. Lusby	Bluford	76	Warch 6, 1947	Mit. Vernon.		Benton	January 2, 1375	12,120
Wisele rankfort         21         November 21 1927         Galler         2         Benton           Wisele rankfort         38         March 24, 1928         Inframapolis Ind.         1         Benton           Benton         38         March 24, 1924         Christopher         1         Benton           Benton         40         May 21, 1927         Christopher         1         Benton           Wast Fankfort         47         May 21, 1924         Christopher         1         Benton           Wast Fankfort         47         May 21, 1924         Christopher         1         Benton           May 21, 1924         May 21, 1924         Christopher         1         Benton         1           May 21, 1924         May 21, 1924         Christopher         1         Benton         1           May 21, 1924         May 21, 1934         Christopher         1         Benton         1           May 21, 1924         May 21, 1935         Schorler         1         Inscole	Terry E. Layne	West Frankfort	7 6	August 5, 1947	Herrin		Benton	January 2, 1975	12,129
Water Frankford         38         February 5 1338         Water Frankford         1         Bentron           Bentron         33         Sentembre 9, 1941         Bentron         1         Bentron           Thompsowile         23         Sentembre 9, 1943         Bentron         1         Bentron           West Frankford         40         August 24, 1954         Christopher         1         Bentron           May 20, 1982         Christopher         Bentron         1         Bentron         1           May 20, 1982         Christopher         Bentron         Bentron         1         Bentron           May 20, 1982         Colorido, Cranda         1         Tuscola         1         Tuscola           January 12, 1983         South Bentron         1         Tuscola         1         Tuscola           January 13, 1985         South Bentron         1         Tuscola         1         Tuscola           January 13, 1985         South Bentron         1         Tuscola         1         Tuscola           January 13, 1985         January 13, 1985         Bentron         1         Tuscola         1         Tuscola           January 13, 1985         January 13, 1985         January 14, 1983         <	Bobby D. Beavers	West Frankfort	47	November 21 1927	Galatia	- ~	Benton	January 2, 1975	12,131
Bennon         38         March 24, 1935         Indianapolis, Ind.         I Bennon           Bennon         Timenpeanville         21         August 6, 1933         Christopher         1           Way 13, 1927         Christopher         1         Bennon           Way 13, 1927         Christopher         1         Bennon           Way 21, 1944         May 21, 1944         May 21, 1944         Bennon         1           Bonnie         May 21, 1944         May 21, 1944<	But D Crawford	West Frankfort	36	February 5. 1938	West Frankfort		Benton	January 2, 1975	12,132
Honorpeowle	Jerry Lee Mover	Benton	38	March 24, 1936	Indianapolis, Ind	-	Benton	January 2, 1975	12,133
August 6, 1933   Christopher Benton   Homopaovville   21 August 6, 1935   Christopher Benton   Homopaovville   21 August 6, 1935   Christopher Benton   Homopaovville   22 August 7, 1934   Homopaovville	arry K. Durham	Benton	33	September 9, 1941	Benton	-	Benton	January 2, 1975	12,134
Wast Frankor         20         August 24 1994         Units to the formation         General of the formation           Most Frankor         31         May 11 1833         Red City         Bentron           Bentron         Bentron         Bentron         Bentron           Bentron         May 21 1833         Red City         Bentron           Interested         Bentron         Bentron         Bentron           May 21 185         Bentron         Bentron         Bentron           May 22 185         Bentron         Bentron         Bentron           May 22 185         Bentron         Bentron         Itescole           May 21 185         South Bent Ind         Itescole           May 21 185         Bentron         Itescole           Unition Ind         28         Between Ind         Itescole           May 21 185         East Louis         Itescole         Itescole           Mission Lee         29         May 21 1854         MIX Carmel           Bickoul Ind         30         May 21 1854         MIX Carmel           Bickoul Ind         40         MIX Carmel         MIX Carmel           Bickoul Ind         20         May 21 185         Bentron         MIX Carmel	Michael A. Marvel	Thompsonville	21	August 6, 1953	Christopher		Benton	January 2, 1975	12,135
Ways 1, 132.7         Befinion.         Bernand           Bonnie         44 May 1, 132.7         Befinion.         Bernand           Bonnie         59 May 2, 134.8         18.9         May 2, 13.9         Bernand           Fassdele ind         50 May 2, 13.9         May 2, 13.9         May 2, 13.9         Bernand           Fassdele ind         20 May 2, 13.9         May 2, 13.9         May 2, 13.9         Licotole           Lacration         21 May 2, 13.9         Such Beach Ind and an incompanie         I Licotole         I Licotole           Name 1, 1946         12 May 1, 134.3         Santh Beach Ind and an incompanie         I Licotole         I Licotole           Blankord, Ind         23 May 1, 134.3         Blankord, Ind         1 Licotole         I Licotole           Villa Grove         24 May 1, 134.3         Bandrod, Ind         1 Licotole         I Licotole           Name 1, 1946         1 Licotole         1 Licotole         1 Licotole         1 Licotole           Rebreath Ind         35 December 14, 1940         DoLlouin         1 Licotole         1 Licotole           Recenter Ind         36 April 25, 1944         Bohinson         4 Mit Carmel         4 Mit Carmel           Recenter Ind         36 April 25, 1944         Bohinson         4 Mit Carme	Charles Wayne Wingo	Valier	81	August 24, 1954	Christopher		Benton	January 2, 1975	12,136
May 21 1947   May 22 1944	Seorge L. Ritchason	West Frankfort	4 5	May 13, 192/	Book City		Benton	January 2, 1975	12,13/
Recorder   May 27   1932   Columbue, Ind.   Columbue   Columbue	Darrell N. Helkemeter	May Voringe	. 6	May 20 1041	Mt Verson		Repton	January 2 1975	12,139
Timesola   Timesola	William D. Dubois	Pocedale Ind	3 5	lanian, 23, 1341	Columbus Ind	- œ	Tuscola	January 3, 1975	12,140
January 1992   Southean, Ind.   Tuccole	Pharlac R Austin	Terre Haute Ind	3 15	February 13 1939	Goderich, Canada	4	Tuscola	January 3, 1975	12,141
May 27, 1946   September 1, 1944   Tuscola   Tuscola   May 27, 1945   September 1, 1944   Tuscola   Tuscola   Tuscola   Glinton, Ind.   1945   September 1, 1944   Tuscola   T	ddia I Gilbert	Jasonville Ind.	22	May 20, 1952	Sullivan Ind.	-	Tuscola	January 3, 1975	12,142
November   1933   November   1943   Tuscole	Herbert L. Moon	Villa Grove	8	May 27, 1946	South Bend, Ind.	-	Tuscola	January 3, 1975	12,143
Balancia Ind.   31   Fabracia Ind.   Glinton, Ind.   Tuescole	James R. Steiner	Newman	21	November 4, 1953	Tuscola	-	Tuscola	January 3, 1975	12,144
Clinton, Ind   19   Septembri 1, 1985   Clinton, Ind   1960-08	eland D. Mediate	Blanford, Ind.	<u>ب</u>	May 21, 1943	Blanford, Ind	-	Tuscola	January 3, 1975	12,145
Usecole	Rickey L. Jackson	Clinton, Ind.	<u></u>	February 13, 1955	Clinton, Ind.		Tuscola	January 3, 1975	12,140
Misched   Misc	Howard A. Jolley	Luscola	8 8	September 11, 1964	I Uscola		Tuesda	January 3, 1975	12,147
Vesidentify   Mile   Strain   Strain	Johnston Hong	Villa Grove	\$ 8	March 25, 1954	Touris Company		Tuscola	January 3, 1975	12,149
Bicknett   10	Carl I Brawdy	Bicknell Ind	38	July 13, 1938.	Johntown Ind.	- 2	Mt. Carmel	January 4, 1975	12,150
Bichenil Ind.   See   May 27, 1915   Bichenil Ind.   15   May 27, 1915   Bichenil Ind.   16   Mit Carmel   January 4, January 4, January 2, January 2, January 2, January 2, January 3, January 2, January 3, J	James E. Lowe	Veedersburg. Ind.	49	January 22, 1925	Robinson	14	Mt. Carmel	January 4, 1975	12,151
Obtained City, Ind.   21 April 52, 1948   Princeton, Ind.   24 April 52, 1948   Princeton, Ind.   24 April 52, 1943   Princeton, Ind.   24 April 52, 1943   Princeton, Ind.   24 April 54, 24 April 54	Hugh F. Gillespie	Bicknell, Ind.	22	May 27, 1915	Bicknell, Ind	16	Mt. Carmel	January 4, 1975	12,152
Mest Frankford 25 January 16, 1943   Findesborin 25 January 2, January 26, 1943   Findesborin 25 January 26, 1944   Findesborin 25 January 26, 1944   Findesborin 27 July 8, 1947   July	Billie G. Knight	Princeton, Ind	56	April 25, 1948	Princeton, Ind	4	Mt. Carmel	January 4, 1975	12,153
West Frankfort         2. January 10, 1945         Chinocrapville         2. Sesser         January 10, 1945           Waltovnik         27. January 10, 1945         Chinocrapville         2. Sesser         January 10, 1947           Bonnie         37. November 11, 1937         Scheller         2. Sesser         January 10, 1947           Bonnie         4. Algust 1, 1942         Sesser         January 1, 1942           West Frankfort         26. Adjust 6, 1948         New York IV         Sesser         January 1, 1942           West Frankfort         26. September 1, 1956         Christopher         Sesser         January 1, 1942           Mainton         20. September 1, 1954         Christopher         Sesser         January 1, 1942           Christopher         27. September 1, 1949         Christopher         Sesser         January 1, 1942           Christopher         27. January 1, 1949         March 1, 1949         Christopher         Sesser         January 1, 1942           Christopher         27. January 1, 1949         Christopher         Sesser         January 1, 1942           DuChorin         28. June 11, 1951         DuChorin         January 1, 1942         January 1, 1942	William A. Robinson, Jr	Oakland City, Ind.	5	June 29, 1943	Bridgeport	· (r	Mt. Carmel	January 4, 1975	12,134
Mailtofrown	Michael F. Harriss	West Frankfort	95	January 16, 1949	Pinckneyville	- c	Sesser		12,133
Some	Allen L. naley	Mellone and a second	36	November 11 1937	Scholler	40	Specor		12,157
Scheller         31         April 19843         Sesser         January 1           West Frankfort         26         July 2, 1965.         Christopher         1 Sesser         January 2, 1965.           Ration         20         September 1, 1956.         Christopher         1 Sesser         January 2, 1966.           Malkinor         20         July 6, 1984.         Christopher         1 Sesser         January 2, January 2, 1989.           Christopher         27         September 4, 1984         Herrin         3 Sesser         January 2, January 3, Jan	Uhlan D. Beckham	Bonnie	3 6	September 22, 1915	Waltonville	4 60	Sesser		12,158
West Frankform         28 August 1946         New York NY         1 Sesser         January 7           Sasser         19 July 2.1956.         Christopher         5 Sesser         January 7           Christopher         25 July 6.1949.         Christopher         1 Sesser         January 7           Christopher         27 September 4.1947         Herrin         3 Sesser         January 7           Christopher         3 Sesser         January 7         January 7           Christopher         3 Sesser         January 3           Christopher         3 Sesser         January 3           January 2         Sesser         January 3           Sasser         January 3         Sesser           January 3         Sesser         January 3           January 3         Sesser         January 3           January 4         Sesser         January 3           January 3         Sesser         January 3           January 4         January 3         Sesser           January 3         Sesser         January 3           January 3         January 3         January 3	Dennis D. Rone.	Scheller	31	April 4, 1943	Sesser	-	Sesser		12,159
Assert         19 July 2, 1986.         Christopher         1 Sesser         January 7           Marion         20 July 6, 1949.         Christopher         Sesser         January 7           Christopher         25 July 6, 1949.         Christopher         1 Sesser         January 7           Mulkeyrown         27 September 1, 1839.         Piggott Art.         Sesser         January 7           Coptyle         27 August 7, M. Variotopher         1 Sesser         January 7, 184           Coptyle         27 August 8, 1947.         M. Variotopher         Sesser         January 7, 184           DuChorin         23 Junuary 1, 1951.         DuChorin         DuChorin         DuChorin         January 2, 184	Michael Eugene Dorris	West Frankfort	56	August 6, 1948	New York, N.Y.	-	Sesser		12,160
Manon	Michael O. Walters	Sesser	65	July 2, 1955.	Christopher		Sesser		12,161
Mulkeryown 27	David V. Perry	Marion	2 1	September 1, 1954	Chicago	- •	Sesser	January 7, 1975	12,162
Wikeryord   27 Stylender   35 October   1 Stylender   35 October   35 Octo	Dahor M. Come	Meultogopher	95	Soutomber 1 1947	Lorein Lorein	- (*	Coccor		12,164
s.         Opdyle         27         January 8, 1947         Mr. Vernon         1         Sasser         John 1         Sasser         John 1         Display         John 2         John 2         John 2         John 2         John 2         John 3	Jack E. Stahl	Christopher	38	October 1 1939	Piggott Ark	· —	Sesser		12,165
Sesser         21         November 6, 1953.         Christopher         1         Sesser         June 11, 1951.           ff         DuQuoin         1         DuQuoin         1         DuQuoin         3	Michael W. Jones	Opdyke	27	January 8, 1947.	Mt. Vernon.	-	Sesser	January 7, 1975	12,166
tt	Larry D. Atchison	Sesser	21	November 6, 1953	Christopher	-	Sesser	January 7, 1975	12,167
	James D. Dimitroff	DuQuoin	73	June 11, 1951	DuQuoin		DuQuoin	January 8, 1975	12,168

12,172 12,172 12,173 12,173	12,176 12,176 12,178	12,179	12,182	12,184	12,186	12,188	12,189	12,191	12,193	12, 195	12,196	12,198	12,200	12,201	12,203	12,204	12,206	12,208	12,209	12,211	12,212	12,214	12,215	12,216	12,218	12,219	12,220	12,222	12,223
January 8, 1975. January 8, 1975. January 8, 1975. January 8, 1975.	January 8, 1975 January 8, 1975 January 9, 1975 January 9, 1975	January 9, 1975	January 9, 1975	January 9, 1975	January 10, 1975	January 10, 1975.	January 11, 1975	January 11, 1975	January 13, 1975.	January 13, 1975	January 13, 1975	January 13, 1975	January 14, 1975	January 15, 1975	January 15, 1975														
DuQuoin DuQuoin DuQuoin DuQuoin DuQuoin	Duduoin Duduoin Taylorville Taylorville	Taylorville	Taylorville	Taylorville	Eldorado	Eldorado	Carrier Mills	Carrier Mills	Gillespie	Gillespie	Gillespie	Gillespie	Freeburg	Zeigler	Zeigler														
Hurst: DuClucin DuClucin Mundacebase	Murphysboro DuQuoin Jacksonville Sairmont, W.Va	Duncan, Ok.	Taylorville	Taylorville	Norris City	Vincennes, Ind.	Galatia	Chicago	Pana	Hillsboro	Colorado Springs, Co 1	Chapin	Glasgow, Ky	Centralia	Oakdale	Red Bud.	Red Bud	Sparta	Evansville1	Mt. Vernon.	Grantsburg1	Belleville1	E. St. Louis.	St. Louis, Mo.	Johnston City	Murphysboro	Red Bud	West Frankfort	Herrin 2
June 28, 1938.  November 18, 1950.  May 2, 1951.  December 7, 1949.  September 27, 1953.	January 29, 1949 March 8, 1951 September 4, 1941 December 11, 1954		June 30, 1951		June 5, 1943						_		_			_			March 19, 1943	_	February 7, 1921		_	_	_	_	April 30, 1949	_	November 25, 1952
Hurst 46 DuQuoin 24 Princkneyville 23 Tamaro 25 Princkneyville 25 Princkneyville 21		Taylorville 24 Taylorville 24 Taylorville 19				: :	: :						: :				::::	: :	Baldwin 31		Maccourteh 45		:	Sparta 27			Coulterville 25 Belleville 337		Herrin 22
					-	James A. Stewart		: :	:	::	:	: :	: :	:	:	: :	:	: :	:	: :	:	: :	:	: :	:	:	:	: :	:

CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975-(Continued)

Certifi- cate number	10.25 10.25
Date of examination	January 15, 1975. January 15,
Place of examination	Zeigler. Zei
Years experi- ence	82224
Birthplace	Evansville, Ind. Zarjajen. Gerideon, Mo. Gerideon, Mo. Gerideon, Mo. Gerideon, Mo. Gerideon, Mo. Bentron Herrin Marion Herrin Herrin Herrin Marion Herrin He
Date of birth	1944
Age	8845888778888778888778887748887878887888
Post Office address	West Frankforn Zeigler Poysiton Bentron Herrin Du Clocia Bentron Bentr
Name of applicant	Danny N. Broy  Vestey G. Thompson  Lee Roy Clark  Robert F. Elbanks  Robert F. Elbanks  Danny E. Elentrige  Marrin R. Griffin  Marrin R. Griffin  Marrin R. Grotch  Marrin R. Grotch  Condrow N. Sardel  Charles Van Austell  Lav C. Blackership  Van Austell  Lav De Austell  Lav L. Suppend  George J. Herror  George J. Inchar  Charles L. Suppend  Lav L. Suppend  George J. Herror  George J. Inchar  Charles L. Suppend  Lav L. Supp

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Clinton, Ind. Sidney. Herrin Herrin Goldisi Go	Herrin Carlinville
July 31, 1952.  July 31, 1940.  July 31, 1940.  July 31, 1940.  Angles 1943.  Angles 1943.  Angles 1943.  Angles 1944.  Angles 1944.  Jule 15, 1945.  Corbote 24, 1947.  December 7, 1955.  Corbote 24, 1947.  December 1944.  Jule 15, 1955.  Gorbote 26, 1947.  December 1948.  Jule 15, 1956.  Jule 15, 1957.  May 5, 1969.  July 37, 127, 1969.  July 37, 1969.	November 11, 1948
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CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975-(Continued)

	1				Years	i		Certifi-
Name of applicant	Post Office address	Age	Date of birth	Birthplace	experi- ence	Place of examination	Date of examination	number
Ronald J. Convery	Raymond	21	March 16, 1953	Litchfield		Gillespie	February 10, 1975	12,323
lames H. Boehler	Shipman Shipman	38	December 1, 1951	Memohis To	- ^	Gillespie	February 10, 1975	12,324
Charles R. McLean, Jr.	Donnelison	216	December 22, 1917	Nokomis	7	Gillespie	February 10, 1975	12,326
Jonald E. Dothager	Vandalia	35	October 2, 1937	Vandalia	7	Gillespie	February 10, 1975	12,327
3ruce W. Harper	Coffen	25	December 11, 1951	Hazard, Ky.	· co	Gillespie	February 10, 1975	12,328
Sussel M. Pone	Sorento	3.5	October 5, 1943.	Sorento	– ო	Gillespie	February 10, 1975	12,329
Russell E. Knight, Jr	Panama	52	September 24, 1949	Hillsboro		Gillespie	February 10, 1975	12,331
David A. Link	Gillespie	52	July 31, 1949	Litchfield		Gillespie	February 10, 1975	12,332
Michael S. Chasco	Carlinville	5 9	August 29, 1955	Carisbad, N.M.		Gillespie	February 10, 1975	12,333
Neignbors Goodson	Staunton	22	February 21, 1949	St. Louis. Mo.		Gillespie	February 10, 1975	12,335
Dennis L. Wise	Girard	8	June 14, 1954	Carlinville	-	Gillespie	February 10, 1975	12,336
Michael D. Egelhoff	Litchfield	2	November 12, 1954	Litchfield		Gillespie	February 10, 1975	12,337
n D. Partain	Harrisburg	ē :	June 28, 1943	Harrisburg	7 -	Eldorado	February 11, 19/5	12,338
Jewayne S. Fals	Stonefort	78	March 12, 1953	Stonefort		Fidorado	February 11, 1975	12,339
harles Barton	Francisco	88	September 18, 1916	Harrisburg	88	Eldorado	February 11, 1975	12,341
ames L. Odle	Galatia	47	August 26, 1927	Galatia	4	Eldorado	February 11, 1975	12,342
/al D. Wargel	Ridgeway	24.5	December 12, 1932	Equality		Eldorado	February 11, 19/5	12,343
Raiph R. Roberts	Fidorado	£ 8	May 4 1935	Fidorado		Fidorado	February 11, 1975	12,345
Aubrey E. Smith	Taylorville	38	March 22, 1938	Glasqow, Ky	-	Taylorville	February 12, 1975	12,346
Raymond L. Beck	Pana	23	August 30, 1951	Vandalia	-	Taylorville	February 12, 1975	12,347
Richard D. Brown	Taylorville	33	October 21, 1951	Taylorville		Taylorville	February 12, 1975	12,348
Miles R 1 illy III	Taylorville	38	labilary 9 1957	Taylorville		Taylorville	February 12, 1975	12,349
I R. Lanham	Edinburg	72	December 26, 1953	Springfield	-	Taylorville	February 12, 1975	12,351
Harry D. Flegle	Marrissa	27	October 22, 1947	St. Louis, Mo	-	Freeburg	February 13, 1975	12,352
landol James Sumner	Pinckneyville	23	August 7, 1951	DuQuoin	-	Freeburg	February 13, 1975	12,353
Morris White.	St. Louis	318	September 19, 1944	Winnsboro, La.		Freeburg	February 13, 1975	12,354
ackie M. Dovle	Sparts	36	October 1 1944	Comith Me		Freeburg	February 13, 1975	12,355
eon W. Moore.	Pincknevville	3 5	January 3, 1943.	Cutler.		Freeburg	February 13, 1975	12,357
Curtis W. Feist	Belleville	9	July 7, 1955.	East St. Louis	-	Freeburg	'n	12,358
1G. Deppe	Percey	48	September 1, 1930	Percey		Freeburg	3	12,359
William D. Pillers	Sparta	9 6	November 15, 1935	Sparta		Freeburg	February 13, 1975	12,360
enneth R. Robinson.	Baldwin	38	November 15, 1954	Belleville	- 2	Freeburg	2 0	12,362
Ifred Lee Swallows	Marissa	8	October 13, 1946	DuQuoin	7	Freeburg	'n,	12,363
John A. Hepworth.	Belleville	8 8	January 3, 1935	Derry, N.H.		Freeburg	February 13, 1975	12,364
William T Campbell	Pincknessville	18	May 23 1936	St. Louis, Mo.		Freeburg	February 13, 1975	12,365
	Sulley ville	3		The second secon				

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Casseyville Sparts Sparts Marses Mars
Harold W. Steff.  Harold W. Steff.  Mand I. Stewart  Bond F. Boste and  Bond F. Boste and

Name of applicant	Post Office address	Age	Date of birth	Birthplace	Years experi- ence	Place of examination	Date of examination	Certifi- cate number
Jerry G. Bushong	Waltonville	31	June 13, 1943	Waltonville	-	Benton	March 4, 1975	12,422
Roger D. Rice	Villa Grove	28	August 1, 1948	Christopher		Benton	March 4, 1975	12,423
Darrell R. Anderson	Creal Springs	52	February 5, 1950	Harrisburg		Marion	March 5, 19/5	12,424
Bob R. Whitecotton	Cambria	30.0	July 6, 1935.	Cambria, (II.	-	Marion	March 5, 1975	12.426
Gregory D. Fulbright	Harrisburg	19	October 30, 1955	Harrisburg	-	Marion	March 5, 1975	12,427
Roger M. Edwards	Benton	90	February 2, 1945	Benton		Marion	March 5, 1975	12,428
Richard L. Skuta	Tuscola	3.5	February 12, 1932	West Frankfort		Tuscola		12,429
Douglas L. Lowe	Villa Grove	4 6	January 20, 1951	Laporte, Indiana		Tuesola	March 6, 1975	12,430
Carl P Anderson	Tuscola	38	November 2, 1954	Eldorado		Tuscola	March 6, 1975	12,432
Robert E. Renfrow	Villa Grove	56	August 7, 1948	Owensboro, Kv	-	Tuscola		12,433
Steven B. Gehring	Villa Grove	19	May 26, 1955	Springfield	-	Tuscola	March 6, 1975	12,434
Cevin D. Thome	Arcola	51	November 8, 1953	Chicago		Tuscola		12,435
Mark Mackovic	Westville	72	December 26, 1952	Danville	-,	Tuscola	March 6, 1974	12,436
William E. Ward	W. I erre Haute, In	99	April 25, 1945	lerre Haute, In.		Luscola	March 6, 1975	12,43/
Spring I Magner	Newman a	2 5	December 30 1947	Tuecola		Tuecola	March 6, 1975	12,430
Wavne D. Hammer	Tuscola	22	July 13, 1949,	Pontiac		Tuscola	March 6, 1975	12,440
Michael L. Skinner	Oakland	2	September 1, 1954	Tuscola	-	Tuscola	March 6, 1975	12,441
Jackie R. Johnson	Villa Grove	33	May 8, 1943	Herrin	-	Tuscola	March 6, 1975	12,442
Sinn	Marissa	6	June 19, 1955	Red Bud	-	DuQuoin	March 7, 1975	12,443
loger E. Surman	Chester	52	June 9, 1949	Chester	_	DuQuoin		12,444
ichard C. Kerry	DuBois	5	October 19, 1943	DuBois		DuQuoin	March 7, 1975	12,445
Stier	DuOusin	200	November 4 1945	New York N Y		Outdoor	March 7 1975	12,447
Harold D. Phillips.	Pincknevville	28	July 5. 1948.	Pincknevville	-	DuQuoin		12,448
rank W. Maynor	Murphysboro	23	January 15, 1952	Murphysboro	-	DuQuoin		12,449
erry L. Strickland	Coutlerville	52	May 14, 1949	Murphysboro	-	DuQuoin	March 7, 1975	12,450
Calvin D. Bunton	DuQuoin	8	August 10, 1936	DuQuoin	-	DuQuoin	March 7, 1975	12,451
Skip W. Brawley	Cutler	23	March 10, 1951	Sparta		DuQuoin	March 7, 1975	12,452
lichael D. Jones	Percy	99	November 15, 1948	Cutler	-,	DuQuoin	March /, 19/5	12,453
Lyle D. Haner	DuQuoin	7 6	March 11, 1932	Ducuoin		Ducuoin	March /, 19/5	12,454
Aviliam   Egyptian	Managed and	75	Manager F 1034	Viscosion Ind	۰,		March 9 1075	12,455
Harry E. Swan	Bicknell Ind	5 4	February 15, 1929	Bicknell Ind	<b>4</b> 45	Mt Carnel	March 8 1975	12 457
Everett R. Pevton	Princeton Ind.	25	December 22, 1922	Harrisburg	000	Mt. Carmel	March 8, 1975	12,458
Walter E. Shaw.	Bicknell, Ind.	47	April 20, 1927	Bicknell, Ind.	'n	Mt. Carmel	March 8, 1975	12,459
Ferry L. Hurst	Oakland City, Ind.	23	January 21, 1952	Princeton, Ind	-	Mt. Carmel	March 8, 1975	12,460
arry G. Henshaw	Crossville	8	July 31, 1941	Harrisburg		Mt. Carmel	March 8, 1975	12,461
mothy H. Maikranz	Oakland City, Ind.	25	August 9, 1953	Evansville, Ind.	<b>-</b> -	Mt. Carmel	March 8, 1975	12,462
Michael D. Bates	Litchfield	8 %	September 28, 1949	Pelloville		Gillespie	March 10, 1975	12,463
lamee F. Simpson	Hattick	9 9	May 9 1928	Wange	- ,	Cilicalia	March 10, 1975	12,40
Jailles E. Cillipsoll	The state of the s							

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Saunton  Live danie Pa  Live danie Pa  Sharmandow  Curmberland Ky  Junciera  Williamson W/Va.  Junciera  Harrisburg  Ran  Harrisburg  Ran  Lassownille, ind  Jassownille, ind	Sosser Sosser Sosser Harrin Harrin Part Fankfort Chistopher Terre Haure, Ind.
1995]  1992  10.11952  10.11952  10.11952  10.11956  10.	May 29, 1944 March 29, 1946 June 26, 1944 August 18, 1932 September 22, 1962 January 10, 1938 October 13, 1954 April 7, 1948
Adjust 21, 1951 Adjust 1981 Adjust 1982 Adjust 1983 Adjust 1983 Adjust 1883 Adjust 1883 Adjust 1884 Adjust 1888 Ad	May 29, 1944 March 29, 1946 June 26, 1944 August 18, 1932 September 22, 196 January 10, 1938 October 13, 1954 April 7, 1948 August 24, 1951
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Date of examination	April 1 1975 April
Place of examination	Tuescola Tue
Years experi- ence	
Birthplace	Shepantsville, Ind. Clinton, Ind. Madisonnille, Ky. Christopher Herrin H
Date of birth	January 6, 1951  January 7, 1953  September 7, 1953  September 7, 1953  January 15, 1946  Petron 1947  May 17, 1951  May 17, 1951  May 17, 1951  May 17, 1951  May 18, 1949  March 1, 1947  May 18, 1949  January 8, 1952  January 1, 1947  May 18, 1953  January 1, 1954  May 18, 1953  January 1, 1954  August 17, 1954  May 18, 1953  January 1, 1953  January 1, 1953  August 17, 1954  May 18, 1953  January 18, 1953  January 18, 1953  August 17, 1954  May 18, 1954  January 18, 1953  January 18, 1954  August 17, 1956  August 17,
Age	**************************************
Post Office address	Shepandsville, Ind. Clinton, Ind. Clinton, Ind. Tuscole Johnson City J
Name of applicant	Table Kelsheinner Joseph L. Mardia Joseph L. Mardia Joseph L. Mardia Joseph L. Mardia Leland R. Willimore Leland R. Willimore Greek J. McGarigle Norman A. Blaker Borkok A. McGarigle Norman A. Blaker Borkok A. McGarigle Norman A. Blaker Jeston Marky D. Cooper Walky D. Cooper Walky D. Cooper Walky D. Cooper Cooper Walky D. Cooper Walky D. Cooper Walky D. Cooper Walky D. Cooper Josephan A. Blaker Josephan A. Blaker Josephan D. Sion William K. Cross Grant D. Sion Josephan D. Josephan Josephan M. Moron Josephan M. Moron Josephan M. Hong Josephan M. Standon J

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May 28, 1943  Sapternia 1, 1947  Sapternia 1, 1947  Sapternia 1, 1947  Sapternia 1, 1948  Certamar 3, 1949  Certamar 3, 1949  Certamar 3, 1949  August 14, 1946  August 14, 1946  August 18, 1942  May 15, 1942  May 15, 1942  May 15, 1943  August 1944  May 15, 1944  August 1944  August 1946  January 23, 1945  September 21, 1956  September 21, 1956  September 21, 1956  September 21, 1956  Certamar 3, 1957  August 23, 1955  September 21, 1949  August 23, 1955  Certamar 4, 1946  August 23, 1955  Certamar 4, 1946  August 1957  August 1957  Certamar 4, 1946  August 1957  August 1957  August 1957  Certamar 4, 1946  August 1957  Au	March 12, 1948 October 13, 1953 March 29, 1953 May 28, 1951
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Howard D. Pitce Frankin Barron Frankin M. Frankin Fr	Don Pritchett Gordon S. Hill Danny Ray Griffin Gary L. Wilkerson

CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975

Certifi- cate number	202223232323232323232323232323232323232
Date of examination	May 7, 1975 May 7, 1975 May 7, 1976 May 7, 1976 May 7, 1977 May 8, 1975 May 8, 1975 May 9, 1975 May 10, 1975 May 11, 1975
Place of examination	Marion Ma
Years experi- ence	
Birthplace	Herrin He
Date of birth	Movember 10, 1953. December 3, 1949. May Z7, 1943. September 16, 1934. May Z6, 1937. March Z6, 1937. March Z6, 1937. March Z6, 1937. July 81, 1936. July 81, 1936. July 81, 1936. July 81, 1936. March 1, 1936. March 1, 1936. March 1, 1936. July 81, 1937. July 81,
Age	78787878887888788877788774888878888788
Post Office address	Marion Marion Marion Marion Marion Marion Marion Marion Gillespie Gillespie Talylor Springs Shipman Thompsonville Benton Johnsson City Thompsonville Benton Marion Wast Frankfort Wast Frankfort Wast Frankfort Marion Thompsonville Benton Thompsonville Benton Thompsonville Benton Marion Marion Marion Marion Marion Marion Thompsonville Benton Thompsonville Benton Marion Marion Thompsonville Thom
Name of applicant	Ronnie W. Falmini. James A. Sinneand James A. Sinneand James A. Sinneand Thomas Lee Hilliard David A. Diron David A. Diron David A. Diron David A. Diron Thomas E. Marone David A. Diron Thomas E. Marone David A. Diron David Completed David Lister David Complete David Lister David Complete David Lister David R. Diron David Complete David C

12,12,686 12,12,686 12,12,687 12,12,12,12,12,13,13,13,13,13,13,13,13,13,13,13,13,13,	22,708 22,709 22,710 22,712 72,714 22,714 22,716 22,716 27,718
May 15, 1975 May 15, 1975 May 18, 1975 May 17, 1975 May 18, 1975 May 18, 1975 May 197	1975 1975 1975 1975 1975 1975 1975 1975
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Tuscole   23	Sidell 23  Sidell 45  Dowell 109an 45  Elkville 42  Christopher 22  Christopher 29  Waltowille 35  Ina 30  Kincaid 24  Kincaid 24
David E, Hoizinger Travis L, Wilson, S. Travis L, Wilson, S. Travis L, Wilson, S. Charris W, Brodie Cliffert L, Wilkinson Cliffert L, Wilkinson Cliffert W, Wilkinson Cliffert W, Carlow John R, Smorth Calley John Tomanovich John Tomanovich John Tomanovich John Tomanovich David R, Galley Charlis MR Kahr Carlow Ranka K, Brodie Charlis M, Carlow Charles Ch	James Curia Jones James Curia Jones James Curia Jones Andrew J. Barnes Omiri A. Sarka Daniel A. Serka Douglas M. Fulleron Douglas M. Fulleron Gary E. Gestl Grogory A. Gauer.

CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975

Name of applicant	Post Office address	Age	Date of birth	Birthplace	Years experi- ence	Place of examination	Date of examination	Certifi- cate number
len D. Fox	Eldorado	22	October 16, 1952	Eldorado		Eldorado	June 10, 1975	12,719
Vilhum W Vanover	Clay Ky	219	July 17, 1953.	Clay, Ky.	- 7	Eldorado	June 10, 1975	12,721
Villard R. Followell	Hurst	23	July 31, 1951	Herrin	4	Eldorado	June 10, 1975	12,722
ulan V. Blair	Eldorado	22	July 7, 1953.	Harlan		Eldorado	June 10, 1975	12,72
Michael J. Reiniesch ,	New Douglas	35	May 13, 1952	Litchfield		Gillespie	June 11, 1975	12,725
Aikel D. Alexander	Donnellson	25	September 10, 1953	Hillsboro	-	Gillespie	June 11, 1975	12,726
wight L. Pray	Hillsboro	23	May 16, 1952	Pana	(	Gillespie	June 11, 1975	12,727
Sernard M. Durbin	Fillmore	3 5	February 11, 1951	Pane	m -	Gillespie	June 11, 1975	12,720
Ichard A. Hider	l aylor Springs	38	August 2, 1994	Gilleonia	-	Gillespie	June 11, 1975	12,730
ohn W. Ginning	Carlinville	34	September 2, 1940	Litchfield	-	Gillespie	June 11, 1975	12,731
irea A. McKinney	Eldorado	20	May 3, 1955	Eldorado	-	Harrisburg	June 12, 1975	12,732
harles E. Witherspoon	Carrier Mills	23	December 2, 1951	Evansville, Ind.	7	Harrisburg	June 12, 1975	12,73
3ehnke	Harrisburg	30	August 11, 1944	Eldorado		Harrisburg	June 12, 1975	12,73
orum E. Turner	Marion	7 5	September 11, 1950	Marion		Harrisburg	June 12, 1975	12,73
Ichard W. Lowe	Tuscola	34	April 2 1930	Inhipeton City	-	Herrin	June 13, 1975	12,737
ann A Hinesker	Carterville	2 5	March 21, 1946	Herrin		Herrin	June 13, 1975	12,738
nner	Logan	16	Septemer 7, 1955	Benton	-	Herrin	June 13, 1975	12,739
Charles L. Thome	Johnston City	24	August 12, 1950	Chicago	-	Herrin	June 13, 1975	12,740
Vallace	Herrin	54	December 19, 1950	Herrin	-	Herrin	June 13, 1975	12,/41
arlo Arnone.	Herrin	21	December 7, 1952	Chicago	- (	Herrin	June 13, 1975	12,742
larence E. Kincaid, Jr	Colp	912	April 29, 1950	Marian	7-	Terrin	June 12, 1975	12,746
onn E. Hartkope	Johnston City	3 6	August 20, 1937	Marion	-	Herina	June 13, 1975	12,745
David A. Banke	Mt. Carmel	3.5	July 17, 1940.	Allen Dale	-	Mt. Carmel	June 13, 1975	12,746
a N. Horrall	Washington, Ind.	29	July 30, 1915	Washington, Ind	9	Mt. Carmel	June 14, 1975	12,747
erry L. Morris.	Keensburg	38	December 24, 1936	Keensburg		Mt. Carmel	June 14, 1975	12,748
Valter U. Roberson	Washington	S	March 8, 1920	Wheatland	,	Mt. Carmel	June 14, 19/5	12,743
dgett	Graysville	52	October 27, 1949	Graysville		Mt. Carmel	June 14, 1975	12,73
Steven F. Nichols	Fairbanks, Ind.	25	October 8, 1951	Hamples lad	- ~	Mt. Carmel	June 14, 1975	12,752
largid E. Frederick	Patoke, Ind.	36	Document 7 1054	Carmi	o <del></del>	Mt Carmel	June 14, 1975	12,75
ames H Duon	Princeton	34	November 13 1925	Princeton	- 2	Mt. Carmel	June 14, 1975	12,754
errin.	Princeton	5.5	March 14, 1924	Eldorado	ıω	Mt. Carmel	June 14, 1975	12,755
avid D. Crooks	Gravville	78	January 18, 1947.	Princeton	-	Mt. Carmel	June 14, 1975	12,756
filly M. Livermore	Princeton	20	April 29, 1955	Princeton		Mt. Carmel	June 14, 1975	12,757
John H. Hyneman	Patoka	2	February 22, 1953	Princeton	-,	Mt. Carmel	June 14, 19/5	12,750
ppell lledd	Linton, Ind.	818	April 28, 1947	Linton, Ind.	- 0	Mt. Carmel	June 14, 1975	12,75
enneth C. Archer	Princeton, Ind.	2 4	September 23, 1937	Machineton Ind	۳ ه	Mt Carmel	June 14, 1975	12,761
Monera G. Armes	East Branch Ind.	2 6	April 27 1947	Milwankoe Wis	o	M+ Carmel	110e 14 1975	12,762
nards	FOR STREET WAY			The state of the s				

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Lake And San	July 22 1975. July 22 1975. July 23 1975. July 24 1975. July 24 1975. July 24 1975. July 25 1975. July 26 1975. July 27 1975.
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Christocher Henrin West Frankfort Christocher Herrin West Frankfort West Frankfort Aberdeen Mid Christopher Hilo, Hewaii Nordeen Mid Hilo, Hewaii Nordeen Ind Hilo, Hewaii Sulivan, Ind Erancisco, Ind Princeton Ind Hilo, Hook Linton, Ind Erancisco Ind Sulivan, Ind Chartpagin Chartpa	Evorts, Kv. Eldorado Deligen Deligen Deligen Deligen Belleville Belleville Belleville Belleville E. Chrisago, Ind. Harrisburg Clavelland Miss. Levrigon, Miss. Levrigon Miss. Christopher Christopher Herrin Herrin Herrin Benton
1982	August 5, 1948 August 20, 1924 December 5, 1924 May 22, 1934 Januar 77, 1954 Januar 77, 1956 July 17, 1956 July 18, 1957 July 187 J
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Sweet Frankfort Christopher Christopher Christopher Sweet Frankfort Weet Frankfort Sweet Frankfort Christopher M. Campie M.	Eldorado Eldorado Cliciorado O'Failon Marinsa Creal Springis Mit. Carmel Springileid Springileid Langleyville Langleyville Vest Frankfort Royalton Herrin Tayloville Tayloville

Certifi- cate number	12.818 12.228 12
Date of examination	August 5, 1975 August 6, 1975 August 6, 1975 August 7, 1975 August 8, 1975
Place of examination	Benton Be
Years experi- ence	\$
Birthplace	Renton Real Benton Herrin Holden, W.V.a. DuQuoin DuQuoin DuQuoin Herrin Carbondale Christopher Christopher Christopher Christopher Herrin McMarkopher Herrin McMarkopher Herrin McMarkopher Carbondale Carbondale Carbondale Carbondale Carbondale Centralia Thempsonville Centralia Centralia Terre Hause Thempsonville Thempso
Date of birth	December 29, 1921. December 27, 1934. April 3, 1946. November 19, 1953. July 12, 1954. April 16, 1949. April 17, 1949. April 1
Age	22222288888888888888888888888888888888
Post Office address	Thompsonville Waltonville Benton Benton Benton Sasser Sasser West Frankfor Benton Tuscole Tuscole Tuscole Weston West Frankfor Marion Weston W
Name of applicant	Maeri Mandrell Daniel R. Smith Bailen Woodt Bailen W. Smith Henry Sixone Sikib Henry Sixone Sikib Henry Sixone Sikib Henry Sixone Sixib Henry R. Edubers Sixone R. Rogers Sixone R. Rogers Sixone R. Rogers Sixone R. Rogers Henry B. Etubers James L. Page Godyard L. Long Henry B. Etubers Henry B. Henry B. Henry Henry Etubers Henry Etub

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Willie A. Coleman  Bund G. Richay  David G. Blotton  David G. Bourn  Bunder L. Gladsdon  Kenneth E. Burkett  Renneth E. Burkett  Renneth E. Burkett  Rich L. Dunhoo  John C. Tunno  John C. Tunno  John C. Tunno  John C. Tunno  John H. Oliver  Server J. Mattrioly  Renneth E. Dunhoo  John C. Tunno  John H. Oliver  Server J. Mattrioly  Renneth E. Jamet  Marting P. Shulte  Server J. Mattrioly  Server J. Mattrioly  Server J. Mattrioly  Renneth E. Jamet  Challes A. Voord  Michael P. Eltendige  Michael P. Eltendige  Server J. Mattrioly  Server J. Mattrioly  Server J. Mattrioly  Marting M. Peters  Phillip R. Phelass  Regard D. Caren  Jameter L. Geenen  Jameter M. Edenen  Jameter M. Edenen  Jameter M. Edenen  Jameter M. Edenen  Jameter M. Schmitt  Pharon D. Well  Garl C. Midlen  Garl C. William  Garl C. Midlen  John A. Eden John  Michael H. Reese  John A. Edon Hours  Mark A. Pieszchelskir  Thomas W. Burkin  John A. Rours  Mark A. Pieszchelskir  Thomas W. Burkin  John A. Rennen  Michael H. Reese

Name of applicant	Post Office address	Age	Date of birth	Birthplace	Years experi- ence	Place of examination	Date of examination	Certifi- cate number
landall A. Caby	Cutler	88	January 22, 1952	Granite City		DuQuoin	August 13, 1975	12,917
William C. Daugherty	Gillespie	38	August 5, 1937	Gillespie		Gillespie	August 14, 1975	12,919
lohn W. Little	DuQuoin	23	May 13, 1946	Granite City		Gillespie	August 14, 1975	12,921
Sary R. Morrow	Donnellson	181	December 26, 1949	Donnellson.		Gillespie	August 14, 1975	12,92
arry D. Kelly	Macedonia	38	June 1, 1945	E. Prarie, Mo		Sesser	August 15, 1975	12,924
Ronald R. Campbell.	McLeansboro	27	June 15, 1948	McLeansboro		Sesser	August 15, 1975	12,925
David L. Webb	Sesser	85	Pebruary 8, 1955	Kankakee		Sesser	August 15, 1975	12,927
George R. Davis	Benton	35	May 20, 1943	Benton.	(	Sesser	August 15, 1975	12,928
Ohn Adron Smith.	Creal Springs	8 %	November 13, 1926	Creal Springs	- 5	Mt. Carmel	August 15, 1975	12,929
ohn A. Stachura, Jr.	Vincennes, Ind.	79	February 21, 1949	Waynesburg, Pa		Mt. Carmel	August 16, 1975	12,931
teve A. Krieg	Francisco, Ind	19	February 21, 1956	Princeton, Ind	- :	Mt. Carmel	August 10, 1975	12,933
David B. Coston	Crossville	53:	March 6, 1952	Evansville, Ind.	:-	Mt. Carmel	August 16, 1975	12,93
uther Lester.	Martinsville	81	March 29, 1942	Hurley, Va.	o •	Mt. Carmel	August 16, 1975	12,935
van Hodgson	Grayville	88	June 28, 1920	Noblesville Ind.		Mt. Carmel	August 16, 1975	12,937
ul Eugene Martin	Winslow, Ind.	3	August 1, 1931	Stewartsville, Ind.	5	Mt. Carmel	August 16, 1975	12,938
Aarion S. Hughey, Jr	Mt. Carmel	22	October 8, 1942	Mt. Carmel		Mt. Carmel	August 16, 1975	12,939
steven R. Harvey	Albion	75	December 14, 1952	Dixon Kv.	- 4	Springfield	September 2, 1975	12,941
Villiam F. Pitchford	Sesser	35	January 13, 1943	Sesser	-	Sesser	September 3, 1975	12,942
ouis R. Vansaghi	Villa Grove	85	October 5, 1941	Herrin		Sesser	September 3, 1975	1,5
James L. Bryant	Christopher	24	October 23, 1950	Waxahatchie Texas		Taylorville	September 4, 1975	12,945
alph D. Pounds	Taylorville	23	October 20, 1951	Taylorville	-	Taylorville	September 4, 1975	12,946
ul K. Stanton	Coffeen	21	October 20, 1953	Hillsboro		Taylorville	September 4, 1975	12,948
Charles W. Galvin	Taylorville	25	September 19, 1944	Pana		Taylorville		12,949
Jale B. Culley	Taylor Sorings	35	May 8 1952	Lee Junior. Kv.	· m	Taylorville	Г.	12,950
Jennis M. Witt	Coffeen	2	October 19, 1954	Lee Junior, Ky.		Taylorville		12,951
awrence Hill	Springfield	52	December 19, 1949	Memphis, Tenn		Taylorville	September 4, 1975	12,953
homas A. Credi	Kincaid	36	July 20, 1956.	Harrisburg		Taylorville		12,95
ames Keith Neal	Macedonia	21	November 1, 1953	Benton	(	Benton		12,955
ames R. Williams.	Harrisburg	24	December 1, 1950	Wast Frankfort	~ œ	Benton	September 5, 1975	12,957
ick L. Osbom	Nason	22	June 8, 1953	Mt. Vernon.		Benton	September 5, 1975	12,958
Javid L. Bishop.	Johnston City	98	June 26, 1949	Herrin		Benton	September 5, 1975	12.96
erry Lee Pediao	Benton	28	November 15, 1946	Benton	-	Denton	2501011001 0, 1010	į

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Steven P. Sawaiich  Sawaiich F. Dorins  Hervey F. English. J.  Dennis Ray Subbleffeld  Dennis Ray Subbleffeld  Lam D. Grimpbell  Lam D. Grimpbell  Charles I. Moss  Sawier, I. Inchrosts  Stevens	Byotar Les Shepherd Byotar R. Donald R. Breath and Byotar R. Donald W. Brownhealt Stanfer E. Wornell I. Stanfer E. Wornell I. Bonald W. Brownback Donald W. Brownback Donald W. Brownback Bicky Dean Printent Bicky Dean W. Magnusen B. Donald L. Dolbery Bonald L. Dolbery Bager W. Marrie E. Bonald M. Wilcoon Floyd A. McClein C. Marrie E. Bonald W. Michael E. McMahan D. Blanny W. Marrie E. Bonald W. Caron L. Mannald C. Donald C. Echling Donald C. Echling Donald C. Echling Donald C. Echling M. Caron L. Paul W. Car	David L. Gilley.

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Name of applicant	Post Office address	Age	Date of birth	Birthplace	experi- ence	Place of examination	Date of examination	cate
David R. Meier	Mascoutah Sparta	19 29	September 22, 1945 December 16, 1955	Belleville Red Bud		Freeburg	September 11, 1975 September 11, 1975	13,016
000000000000000000000000000000000000000		; :			- :	- Concept	September 11, 13/3	13,019
Michael S. Feist.	O'Fallon	22	March 27, 1954	Belleville	- c	Freeburg	September 11, 1975	13,020
Delhert Grubbs	Christopher	3 [	August 12, 1942	Johnston City	7 -	Zeigler	September 12, 1975	13,021
Donald J. Durkota	Zeigler	35	July 8, 1943.	Chicago		Zeigler.	September 12, 1975	13,023
Rodger G. Adkins	Marion	233	May 27, 1952	Fleming, Ky	m -	Zeigler	September 12, 1975	13,024
Kenneth W. Diez.	Mt. Vernon	23	November 6, 1951	Mt. Vernon.	-	Zeigler	September 12, 1975	13,026
Terrance M. Tennant	Benton	61	October 29, 1955	Fairmount, W.Va.	-	Zeigler	September 12, 1975	13,027
Charles L. Charlet	Herrin	88	June 22, 1950	Herrin		Zeigler	September 12, 1975	13,028
Jack E. Mills	West Frankfort	35	March 4 1954	Christopher		Zeigler	September 12, 19/5	13,029
John David Schultz	West Frankfort	24	July 15, 1951	Paoria		Zeigler	September 12, 1975	13,030
James W. Robinson	Carbondale	38	December 17, 1938	Marion	-	Zeigler	September 12, 1975	13,032
James D. Peacock	Marion	84	August 23, 1927	Virden	_	Zeigler	September 12, 1975	13,033
Carl R. Trusty	Zeigler	8:	June 7, 1935	West Frankfort		Zeigler	September 12, 1975	13,034
Darrell D. Hanord	Shelburn Ind	36	Sentemer 27 1938	Shelhum lod		Mt. Carmel	September 13, 1975	13,035
Noble M. Johnson.	Bicknell, Ind.	38	March 26, 1946	Vincennes, Ind.	-	Mt. Carmel	September 13, 1975	13,037
Phillip R. Fourthman	Princeton, Ind	54	January 17, 1951	Princeton, Ind	-	Mt. Carmel	September 13, 1975	13,038
Russell O. Bedivell.	Shelburn, Ind.	25 5	January 10, 1921	Sullivan, Ind.	ω.	Mt. Carmel	September 13, 1975	13,039
Benjamin VV. Michel	Princeton Ind.	88	November 14 1950	Optional City Ind		Mt. Carmel	September 13, 1975	13,040
George W. Housk	Gravville	27	September 21, 1947	Centerville		Mt. Carmel	September 13, 1975	13.042
Stanley E. Wonnell	Princeton, Ind	46	September 30, 1928	Cabool, Mo	က	Mt. Carmel	September 13, 1975	13,043
William T. LaForte	Mt. Carmel	75	February 27, 1951	Detroit, Mich		Mt. Carmel	September 13, 1975	13,044
David E. Hunt	Galatia	3 6	Dacamber 24 1937	Narion:		Carrier Mills	September 15, 1975	13,045
Steve R. Clark	Harrisburg	21	October 26, 1953	Harrisburg	-	Carrier Mills	September 15, 1975	13.047
Robert C. Lehman	Carrier Mills	78	May 13, 1947	Buffalo, N.Y.	က	Carrier Mills	September 15, 1975	13,048
Roy Allen	Marion	22	June 9, 1923	Thompsonville	2	Sesser	October 1, 1975	13,049
Gary W. Sanford	Zeigler	3 %	March 20, 1925	Mt. Vernon.	7 =	Sesser	October 1, 1975	13,050
Michael R. Parkhill.	West Frankfort	21	October 8, 1953.	Herrin		Sesser	October 1 1975	13 052
Robert L. Smith	Thompsonville	54	January 11, 1951	Benton.		Sesser	October 1, 1975	13,053
Edmund T. Patchett	Mulkeytown	98	May 22, 1936	Valier		Sesser	October 1, 1975	13,054
Maynard Arnett	West Frankfort	9 8	November 4, 1936	West Frankfort		Sesser	October 1, 1975	13,056
B. Mark Aaron	Lake Benton	21	September 1, 1954	Christopher	2	Sesser	October 1, 1975	13,057
Ray Rope Stones	West Frankfort	25	December 22, 1954	Long Beach		Sesser	October 1, 1975	13,058
Robert J. Layman	Benton	46	May 9, 1929	Benton		Sesser	October 1, 1975	13,060

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Buze McGinnis  Gaded L. McGisseson Ju.  Timothy I. Kirkpertick  Latty D. Dorsey L. Burgers  Latty D. Dorsey L. Burgers  Berling D. Dorsey L. Burgers  Rench Berling C. Burgers  Rench Berling C. Burgers  Rench Berling C. Burgers  Rench Berling C. Burgers  Rench C. Burgers  Robert G. Manness  Bobert G. Manness  Bobert G. Manness  Bobert G. Manness  Berling C. Burgers  Robert G. Manness  Robert G. Dampert  Robert Horner  Michael E. Moak  Burling C. Burgers  Robert M. Sinegel  Gary W. Suness  Curris H. Levis  Dennie C. Elmesen  Dennie C. Sinnesen  Garry W. Berner

CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975

		Age	Date of birth	Birthplace	experi- ence	Place of examination	Date of examination	cate
	ogan	8,8	August 23, 1947	Benton		Benton	October 7, 1975	13,115
	Mt. Vernon	38	Pebruary 13, 1945	West Frankfort		Benton	October 7, 1975	13,117
	hompsonville	22	August 17, 1953	Marion		Benton	October 7, 1975	13,118
	West Frankfort	22	April 1, 1955	Christopher	- 4	Benton	October 7, 1975	13,13
	West Frankfort	25	March 17, 1950	Chicago	-	Benton	October 7, 1975	13,121
:	hompsonville	88	October 4, 1947	Herrin	-	Benton	October 7, 1975	13,122
	Scheller	ន	December 27, 1951	St. Louis, Minn.		Benton	October 7, 1975	13,123
William T. McDonald Gorev	soreville	28	December 10, 1954	Harrisburg		Benton	October 7, 1975.	13 : 25
	West Frankfort	25	October 18, 1947.	Herrin	_	Benton	October 7, 1975	13,125
	Idorado	-	June 21, 1942	Raleigh	-	Harrisburg	October 8, 1975	13,127
	Idorado	-	February 4, 1949	Harrisburg		Harrisburg	October 8, 1975	13,128
:	larrisburg	_	February 10, 1954	Harrisburg		Harrisburg	October 8, 1975	2,5
Sary L. Parks.	real oprings	-	October 20, 1942	Creal Springs		Harrishurd	October 8 1975	13,131
	sidgeway	_	September 25, 1939	Equality		Harrisburg	October 8, 1975	13,132
_	larrisburg	74	June 12, 1951	Harrisburg	4	Harrisburg	October 8, 1975	13,133
:	Shawneetown		August 13, 1949	Aurora		Harrisburg	October 8, 1975	13,134
	rinceton		November 6, 1937	Princeton	- u	Champarous	October 8, 1975	13,5
	arrisburg		August 23, 1934	Bellville	·-	Freeburg	October 9, 1975	13,137
Dean A. Poston	ercv	-	August 18, 1948	East St. Louis	_	Freeburg	October 9, 1975	13,138
	coulterville		September 3, 1956	Pinckneyville	_	Freeburg	October 9, 1975	13,139
- ::::::	oulterville	2 5	June 12, 1933	Sparta		Freeburg	October 9, 1975	13,140
roy Edwards Span	opara	2 4	October 15, 1937	Sparta Sparta	- 65	Freeburg	October 9, 1975	13,142
	Chester	33	December 11, 1942	Red Bud.	-	Freeburg	October 9, 1975	13,143
-	At. Vernon	ౚ	March 31, 1936	Amherst, Va	-	Freeburg	October 9, 1975	13,14
Harry Hogg West	Vest Frankfort	72 5	February 8, 1921	West Frankfort	9 •	Zeigler	October 10, 1975	13,145
-	lerrin	2 2	June 26, 1952	Herm		Zeigler	October 10, 1975	13,147
Sounds A. Kirknastick	Marion	95	October 14, 1949	Fort Knox Kv		Zeigler	October 10, 1975	13,148
	Benton	200	October 31, 1954	Christopher	-	Zeigler	October 10, 1975	13,149
7	eigler	88	December 28, 1936	Rushville	e	Zeigler	October 10, 1975	13,150
	hristopher	88	December 3, 1945	Carterville		Zeigler	October 10, 1975	13,151
ouis F. Durbin	Jokomis	2,8	July 25, 1949,	Pana	-	Zeigler	October 10, 1975	13,153
	Jugger, Ind.	ន	March 20, 1952	Sullivan, Ind.		Mt. Carmel	October 11, 1975	13,154
-	Sullivan, Ind.	25	January 10, 1954	Sullivan, Ind.		Mt. Carmel	October 11, 1975	13,15
Asrold R Sturgeon Ir	rayville	2 2	October 13 1952	Salem	-	Mt. Carmel	October 11, 1975	13,157
	Stendal, Ind.	22	September 22, 1948	Oakland City, Ind	-	Mt. Carmel	October 11, 1975	13,158

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Concober 11, 1975 Concober 13, 1975 Concober 14,	November 8, 1975. November 1, 1975. November 10, 1975. November 10, 1975. November 10, 1975.
M. Carmel M. Commel Tayloville Taylovil	Mr. Carmel Gillespie Gillespie
Tennesseeridge, Tenn. Hunningon, W.V.a. Winnesmes, Ind. Winnesmes, Ind. Winnesmes, Ind. Working, W.V.a. Tendering, W.V.a. Tender	Jasonville, Ind. Princeron, Ind. Mt. Carmel. Mt. Carmel. Fairfield Hunningburg, Ind. Fairfield Fairfield Scottsburg, Ind. Hillsbor. Varidaia.
July 8, 127, 1929  July 8, 1854, 17, 1841  July 8, 1854, 1855, 1854, 1854, 1854, 1854, 1854, 1855, 1854, 1855, 1854, 1855, 185	October 13 1925. November 21, 1948. April 14, 1950. May 24, 1953. August 16, 1956. Cottober 77, 1940. November 4, 1937. December 4, 1937. Efebruary 7, 1944.
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McLeensboro Hazethon, Ind. Princeton, Ind. Pri	Mt. Carr Wins Variate Variate Carlis Variate Gree

CERTIFICATES ISSUED BY MINERS' EXAMING BOARD-FIRST CLASS-1975

Certifi- cate number	10.214 10.228 10
Date of examination	November 11, 1975.  November 11, 1975.  November 12, 1975.  November 12, 1975.  November 12, 1975.  November 12, 1975.  November 13, 1975.  November 13, 1975.  November 13, 1975.  November 14, 1975.  November 14, 1975.  November 14, 1975.  November 15, 1975.  November 12, 1975.  November 12, 1975.  December 2, 1975.  December 3, 1975.  December 3, 1975.  December 3, 1975.
Place of examination	Eldorado Eldorado Eldorado Eldorado Eldorado Uduoin Eldorado El
Years experi- ence	-40
Birthplace	Benton Eldorado Eldorado Marion Marion Marion Marion Marion Marion Marion Portinian Portinian Eleforado Benton Benton Benton Marion Benton Benton Benton Christopher Christopher Christopher Christopher Christopher Christopher Christopher Christopher Christopher Scheller Scheller Scheller Scheller Marion Benton Marion
Date of birth	March 9, 1954 Saptember 26, 1950 July 23, 1956 August 2, 1941 October 18, 1946 August 28, 1948 April 29, 1953 May 18, 1954 August 20, 1944 April 41, 1956 Enbruary 9, 1941 April 41, 1956 Enbruary 9, 1942 August 12, 1956 April 42, 1956
Age	282283244428442828888888888888888888888
Post Office address	Benton Eliopado Harrisburg Benton Mulkertown Mulkertown Mulkertown Mulkertown Mulkertown Mulkertown Mulkertown Mulkertown Benton Mulkertown Mulkertown Benton West Frankfor Carrier Milk Benton West Frankfor Carrier Milk Benton Mulkertown Mulkertown Storel Carrier Milk Garner Milk Marion
Name of applicant	James Louis Burlison Kenneth M. Biel Kenneth M. Biel Kenneth M. Biel Gerge F. Mason. William R. McClernen William R. McClernen John D. Sobeck John D. Sobeck John C. John John C. Sobeck John C. John John John C. John John John C. John John John John John John John John

10.228	13,304
December 3, 1975. December 4, 1975. December 4, 1976. December 6, 1976. December 6, 1976. December 6, 1976. December 9, 1976. December 10, 1976. December 11, 1976. December 11, 1976. December 11, 1976. December 12, 1975. December 13, 1976.	December 13, 1975
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Harrick. Sasser. Tamarace Christophe DuChonn Duchon Duc	Christopher Galatia Herrin
According to the property of t	March 2, 1931 September 8, 1922 March 21, 1949
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nd n n	Christopher

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### SUMMARY OF ACTIVITIES OF MINE RESCUE STATIONS

303	223	197	18	258	999
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264	179	181	18	237	879

### NAME, LOCATION OF MINES, DEPTH OF SHAFT, USE OF PRODUCTS, METHOD OF HOISTING AND MINING REPORT OF METAL MINES OPERATIONS-FLUORSPAR, ZINC & LEAD-1975

	Location	Location of Mine				
						Method of Mining —
			Depth		Method	Hand,
			o		o	Machine
Name of Operator	Post Office	County	Shaft	Product Used For—	Hoisting	or Both
Allied Chemical Corp., Mine #1 & Mill	Cave-In-Rock	Hardin	645′	Making fluorine chemicals, met. & ceramic fluxes, welding road coatings, figerglas flux & zinc metals	Electric	Machine
Allied Chemical Corp., Crystal-Deardorff- North Victory Mine	Cave-In-Rock	Hardin	300,	Making fluorine chemicals, fluxes and zinc metal	Electric-	Machine
Allied Chemical Corp., "Gaskins"	Herod	Pope	420.	Making fluorine chemicals, fluxes and zinc metal	Electric	Machine
Allied Chemical Corp., "Spivey"  American Minerals. Inc.	Cave-In-Rock	Pope	Strip	Making fluorine chemicals, fluxes and zinc metal	Electric	Machine
Hastie Mining Co. Ozark-Mahoning Co.	Cave-In-Rock	Hardin	Strip 150'-850'	Flux of steel Chemical, Glass, Ceramic and Steel Industries	Electric	Machine Machine

### METAL MINES OPERATIONS—FLUORSPAR, LEAD & ZINC—1975

						Accid	Accidents	Tonssh	Tons shipped to points in —	nts in —
Prod. in the Fiborator Name of Operator Lead 6	Production in tons Fluorspar Lead & Zinc	Number employed	Days	Lead and Zinc in Tons	Explosives used — Dynamite, pounds	Fatal	Non- Fatal	Illinois	Other States	Foreign Counties
Allied Chemical Corporation, Mine #1 & Mill	135,783	153	237		242,450	-	45	825	44,954	648
Allied Chemical Corporation, Crystal-Deardorff-North Victory Mines.	17,184	36	230		28,550		q			
Allied Chemical Corporation, "Gaskins" 47, Allied Chemical Corporation, "Spivey" 8,	17,859 8,394	428	250		73,050	: : :	78 22°	: : :		
American Minerals, Inc. Hastie Mining Company 4,	16,799 4,591	9 9	312		2,000	:	9	: 60		
Ozark-Mahoning	230,390	218	234		217,650	: :	32	7,745	57,225	5,153

\*Ammonium Nitrate

### GENERAL DESCRIPTION TRAINING DIVISION DEPARTMENT OF MINES & MINERALS

The Department, in 1971, established the Safety Training Division to provide instruction for miners in the safety aspect of coal mining and to implement any new training objectives that might be desirable and feasible. The Division consists of three full time state mine inspectors, one secretary and a training coordinator. The section staff is supplemented from time to time with an explosive inspector and a fourth state mine inspector to provide explosive and electrical safety instruction, respectively. Instruction is offered at 10 to 12 different locations throughout the state, normally at state or public offices; however, in some instances it is offered at a central coal mine site.

Although the training is available to all coal miners, the instruction is attended primarily by those personnel desiring to obtain certificates of competency as mine examiner, mine manager, hoisting engineer and state mine inspector. Certification is required by law (Chapter 93, Illinois Revised Statutes) for those personnel holding such positions.

The instruction offered deals with first aid, mine rescue techniques, accident prevention, state and federal mining laws, ventilation, roof and rib control, electricity, safety instrumentation, etc. Upon conclusion of the course, which is held twice annually, the Department (including the Mining Board) administers examinations, both oral and written, to those personnel desiring certificates. The site for such examinations is usually at the West Frankfort Armory.

Under authority of the Federal Coal Mine Health and Safety Act of 1969 the Bureau of Mines (now referred to as MESA in regards to regulation enforcement) established mandatory safety standards for the mining industry. In conjunction with these standards certain mine training requirements were established. Since state and federal objectives were practically the same the Department applied for federal grant in April of 1971. Grant approval was obtained and the first remuneration was received in April of 1972 based on the federal government returning 80% of the funds expended. The grant program has been extended from time to time. Progress reports, fund accounting, etc. are a part of the Division's function.

The Department also issues certificates of competency for metal mine foreman, metal mine hoisting engineer and state metal mine inspector. Examinations are also given to establish the proficiency of mine rescue station superintendents and their assistants. These functions all require certain section duties.

### DEPARTMENT OF MINES AND MINERALS

### TRAINING DIVISION

### **Employees**

Safety Engineer Donald C. Simpson

(Coordinator) R. R. 2

Benton, Illinois 62812

Instructor-Inspector Thomas Pinnell

Box 73

Farmersville, Illinois 62533

Instructor-Inspector Wilbur Franklin

Box 121

Tilden, Illinois 62292

Instructor-Inspector Russell Spitzner

1201 N. Garfield Marion, Illinois 62959

Clerk Steno I June Coggins

301 W. Matthew St. Sesser, Illinois 62884

### STATE MINING BOARD CERTIFICATES ISSUED FOR STATE MINE INSPECTOR—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Martin, Bernard D. Melvin, Robert Lee Bennert, Wendell Cross, William B. Fleming, Johnnie H.	Taylorville	Christian Franklin Wabash Randolph Perry	44 31 40 54 55	Illinois Illinois Illinois Illinois Illinois	April 29, 1975	555 556 557 558 559

### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE RESCUE STATION SUPERVISOR—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Meyer, Walter J	Coulterville	Randolph	55	Illinois	April 29, 1975	

### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE MANAGERS—FIRST CLASS—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Bolen, James A.,	Benton	Franklin	39	Illinois	April 29, 1975	4726
Brachear, Warren D	Mulkeytown	Franklin	37	Illinois	April 29, 1975	4727
urgess, Dennis R	West Frankfort	Franklin	26	Illinois	April 29, 1975	4728
ampbell, Gary	Tilden	Randolph	26	Illinois	April 29, 1975	4729
ole, David C	Sparte	Randolph Saline	27 28	Illinois	April 29, 1975	4730
ross. William B.	Coulterville	Randolph	53	Illinois	April 29, 1975 April 29, 1975	4731 4732
avis. Robert R	Benton	Franklin	26	Illinois	April 29, 1975	4732
uPuis, Robert A	DeSoto	Jackson	29	Illinois	April 29, 1975	4734
dmonds, Donald R	Valier	Franklin	31 25	Illinois	April 29, 1975	4735
uest, Terry L	Harrisburg	Saline	25	Illinois	April 29, 1975	4736
all, Charles E	Benton	Franklin	28	Illinois	April 29, 1975	4737
arpole, Jerry R	Mt. Vernon	Jefferson	36	Illinois	april 29, 1975	4738
emminger, Alvin L	West Frankfort Marion	Franklin Williamson	34 32	lowa	April 29, 1975	4739
utchins, Andy M	Ina	Jefferson	42	Indiana	April 29, 1975 April 29, 1975	4740 4741
hhoff, James Gary	Royalton	Franklin	39	Illinois	April 29, 1975	4741
gram, John H	Buckner	Franklin	50	Illinois	April 29, 1975	4743
anady, Clifford C	Junction	Gallatin	24 25	Illinois	April 29, 1975	4744
em, Thomas J., Jr	DuQuoin	Perry	25	Pennsylvania	April 29, 1975	4745
chua, Melvin R	Ava	Jackson	32	Illinois	April 29, 1975	4746
acari, Dominic, Jr	Christopher	Franklin	32	Illinois	April 29, 1975	4747
ills, McDonald	Orient	Franklin	53 35	Illinois	April 29, 1975	4748
ontgomery, Robert M	Benton	Franklin	35	Illinois	April 29, 1975	4749
almer, Raymond	DuQuoin	Perry	43 41	Illinois	April 29, 1975	4750
egsdale, Robert N	Harrisburg	Saline	42		April 29, 1975 April 29, 1975	4751
ed, Drexel D	Eldorado	Saline	33	Illinois	April 29, 1975	4752 4753
evnolds, John	West Frankfort	Franklin	28	Illinois	April 29, 1975	4754
othwell, Ronald	Tilden	Randolph	32	Illinois	April 29, 1975	4755
inders, Billy Ray	West Frankfort	Franklin	28	Illinois	April 29, 1975	4756
cinner, Gary L	West Frankfort	Franklin	36	Illinois	April 29, 1975	4757
nyder, Donald E	Benton	Franklin	46	Kentucky	April 29, 1975	4758
aten, Dale Robert	West Frankfort	Franklin	29	Missouri	April 29, 1975	4759
ımmers, David E	Benton	Franklin	27	Illinois	April 29, 1975	4760
wisher, Robert Dean	Coello	Franklin	28	Illinois	April 29, 1975	4761
homas, Dale L	Tilden	Randolph	29 31	Missouri	April 29, 1975	4762
/inters, Terry L	Marion	Saline Williamson	30	Illinois	April 29, 1975	4763
right, John Butler	Harrisburg	Saline	33	Illinois	April 29, 1975 April 29, 1975	4764 4765
oung, Jerry	Percy	Randolph	28	Illinois	April 29, 1975	4766
oung, Pete, Jr	Percy Zeigler	Franklin	30	Illinois	April 29, 1975	4767
oung, Roger D	Raleigh	Salina	24	Illinois	April 29, 1975	4768
rview, Ted B	Mt. Carmel	Wabash	42 29	Illinois	May 13, 1975	4769
axter, Glenn	Carlinville Littleton	Macoupin Schuyler	59 59	Illinois	May 13, 1975 May 13, 1975	4770
roaddus, Robert L	Raymond	Montgomery	25	Illinois	May 13, 1975	4771 4772
arson, Richard W	Indianapolis, Ind	Marion	26	Alabama	May 13, 1975	4773
ncebox, Charles H	Donchester	Macoupin	46	Illinois	May 13, 1975	4774
ollins, Robert	Taylorville	Christian	36	Illinois	May 13, 1975	4775
lombo, Raphael	Tuscola	Douglas	27	Illinois	May 13, 1975	4776
is, Paul	Owensville, Ind	Gibson	37	Indiana	May 13, 1975	4777
ass, Peter H	Princeton, Ind	Gibson	25	Indiana	I May 13, 1975 I	4778
olland, Perry	Tuscola	Douglas	26	Illinois	May 13, 1975	4779
nes, Richard Earl	Girard	Macoupin	30	Illinois	May 13, 1975	4780
hmann, Jack C	Carlinville	Macoupin	24 38	Illinois	May 13, 1975	4781
nnemann, Charles W	Tuscola	Macoupin Douglas	50	Illinois	May 13, 1975 May 13, 1975	4782 4783
nnemann, Donald R	Tuscola	Douglas	31	Illinois	May 13, 1975	4784
oman, David L	Keensburg	Wabash	37	W. Virginia	May 13, 1975	4785
arcum, Lawrence	Pawnee	Sangamon	36	Kentucky	May 13, 1975	4786
lls, John Albert	Taylorville	Christian	36	Illinois	May 13, 1975	4787
Illins, Hadley C	Mt. Carmel	Wabash	57 33	Virginia	May 13, 1975	4788
razzo, Robert R	Iving	Montgomery	33	Illinois	May 13, 1975	4789
erre, William V	Vioden	Christian	33	Illinois	May 13, 19/5	4790
chards, George	Virden	Macoupin	26	Illinois	May 13, 1975	4791
vant, James L., Jr	Gillespie	Macoupin	30 27	Missouri Illinois	May 13, 1975 May 13, 1975	4792 4793
nmons, James R	I Coffeen	Montgomery	27	Illinois	May 13, 1975 May 13, 1975	4793 4794
earns, James M	Patoka, Ind	Gibson	27 30	Illinois	May 13, 1975	4794 4795
eele, Tommy Joe	Carlinville	Macoupin	26	Indiana	May 13, 1975	4795 4796
owell, Robert E	Sorento	Bond	33	Illinois	May 13, 1975	4797
aylock, Roger O	Herrin	Williamson	36	Illinois	Nov. 4, 1975	4798
oone, Anthony J	Sesser	Franklin	30	Kentucky	Nov. 4, 1975	4799
oyd, Loren Wown, James R	Mt. Vernon New Athens	Jefferson St. Clair	32 27	Missouri Illinois	Nov. 4, 1975 Nov. 4, 1975	4800 4801
ckingham, Thomas F	Royalton	Franklin	24	Illinois	Nov. 4, 1975	4802

### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE MANAGERS—FIRST CLASS—1975—(Concluded)

					Date of	No. of
Name	Post Office	County	Age	Birthplace	examination	certificate
Bullington, Ben F	Johnston City	Williamson	53	Illinois	Nov. 4, 1975	4803
Cadle, Jerry A	Marion	Williamson	27	Illinois	Nov. 4, 1975	4804
Calloni, Charles D	Benton	Franklin	33	Illinois	Nov. 4, 1975	4805
Chambers, Robert C	Mt. Vernon	Jefferson	27	Illinois	Nov. 4, 1975	4806
Garst, Earl S	Girard	Macoupin	42	Illinois	Nov. 4, 1975	4807
Hatcher, Robert L	Harrisburg	Saline	24	Illinois	Nov. 4, 1975	4808
Hawkins, James R	Sesser	Franklin	35	Illinois	Nov. 4, 1975	4809
Hicks, Clifford L	Waltonville	Jefferson	47	Illinois	Nov. 4, 1975	4810
James, John D	Marion	Williamson	35	Illinois	Nov. 4, 1975	4811
Lynch, Alfred Eugene	Ewing	Franklin	33	Illinois	Nov. 4, 1975	4812 4813
Martin, Mondel D	Marion	Williamson	38	Illinois	Nov. 4, 1975	4813 4814
Melvin, Bobby G	West Frankfort	Franklin	31	Illinois	Nov. 4, 1975	
Miller, James R	Benton	Franklin	28	Illinois	Nov. 4, 1975	4815
Montgomery, Cecil W	Sesser	Franklin	28	Illinois	Nov. 4, 1975	4816
Morris, Stanley J	Mascoutah	St. Clair	27	Illinois	Nov. 4, 1975	4817 4818
Naas, Denny H	Shawneetown	Gallatin	24	Illinois	Nov. 4, 1975	4818
Odom, Gary W	Stonefort	Williamson	36	Illinois	Nov. 4, 1975	4819
Owens, Jack M	Mt. Vernon	Jefferson	40	Illinois	Nov. 4, 1975	4820 4821
Patton, Deon	Fairview Heights	St. Clair	34	Illinois	Nov. 4, 1975	4821
Porritt, Leo E	West Frankfort	Williamson	38	Illinois	Nov. 4, 1975	4822
Robinson, Dennis E	Freeburg	St. Clair	26	Oklahoma	Nov. 4, 1975	4824
Schram, Douglas P	West Frankfort	Williamson	28	Illinois	Nov. 4, 1975 Nov. 4, 1975	4825
Smothers, Emery A	Benton	Franklin	55 40	Illinois	Nov. 4, 1975	4826
Staten, Jack J	Ridgway	Gallatin	36	Illinois	Nov. 4, 1975	4827
Swallers, Walter D	DuQuoin	Perry	33	Illinois	Nov. 4, 1975	4828
Teal, James L	Gallatin	Franklin	24	Illinois	Nov. 4, 1975	4829
Toms, James K., Jr	Benton	Franklin	49	Illinois	Nov. 4, 1975	4830
Toms, James K., Sr	Herrin	Williamson	35	Illinois	Nov. 4, 1975	4831
Ward, Marvin L	Benton	Benton	36	Wisconsin	Nov. 4, 1975	4832
Ward, Ronald M	Tamaroa	Perry	29	Illinois	Nov. 4, 1975	4833
White, David G	Johnson City	Williamson	29	Illinois	Nov. 4, 1975	4834
Willia, Dovid G	Common on,					
Aud, Vicki D	Taylorville	Christian	26	Illinois	Nov. 14, 1975	4835
Austin, Charles B	Terre Haute, Ind	Vigo	36	Ontario, Can.	Nov. 14, 1975	4836
Baker, Bill D	Carlinville	Macoupin	24	Illinois	Nov. 14, 1975	4837
Bertetto, Frank L	Gillespie	Macoupin	33	Illinois	Nov. 14, 1975	4838
Bertetto, Larry G	Benld	Macoupin	28	Illinois	Nov. 14, 1975	4839
Bollier, Charles	Taylorville	Christian	29	Indiana	Nov. 14, 1975	4840
Carter, George F	Kincaid	Christian	30	Illinois	Nov. 14, 1975	4841
Chieffalo, John M	Mt. Carmel	Wabash	28	W. Va	Nov. 14, 1975	4842 4843
Chubb, Jack L	Mt. Carmel	Wabash	48	Indiana	Nov. 14, 1975	4844
Estill, William R	Pawnee	Sangamon	27	Illinois	Nov. 14, 1975	4845
Greybeck, Robert J	Mt. Carmel	Wabash	55	Pennsylvania	Nov. 14, 1975	4846
Harlan, Joseph W	pawnee	Sangamon	28	Illinois	Nov. 14, 1975	4847
Hood, Eugene W	Springfield	Sangamon	53	Illinois	Nov. 14, 1975	4848
Hooven, Herschel E	Shawneetown	Gallatin	40	Illinois	Nov. 14, 1975 Nov. 14, 1975	4849
Jackson, Terry A	Litchfield	Montgomery	25 27	Illinois	Nov. 14, 1975	4850
Julius, Peter R	Tovey	Christian	52	Illinois	Nov. 14, 1975	4851
McIntyre, Willard B	Taylorville	Christian	53 32	Illinois	Nov. 14, 1975	4852
Mateny, James D	Moro	Madison	40	Illinois	Nov. 14, 1975	4853
Mitchell, Charles W	Villa Grove	Douglas Macoupin	28	Illinois	Nov. 14, 1975	4854
Moody, Gregory G	Gillespie	Douglas	48	Illinois	Nov. 14, 1975	4855
Murray, Floyd L	Tuscola	Macoupin	30	Illinois	Nov. 14, 1975	4856
Pallo, Edward S	DuQuoin	Perry	27	Illinois	Nov. 14, 1975	4857
Schriber, Michael D	Carlinville	Macoupin	37	Missouri	Nov. 14, 1975	4858
Schriber, Michael D	Cariniville				Voided	4859
Weatherford, Russell	Litchfield	Montgomery	43	Illinois	Nov. 14, 1975	4860
Wiscauer, William E.	Mt. Carmel	Wabash	29	Michigan	Nov. 14, 1975	4861
Wood, James M	Gillespie	Macoupin	30	Illinois	Nov. 14, 1975	4862
Wright, Andrew J	Benld	Macoupin	46	Oklahoma	Nov. 14, 1975	4863
Aden, Michael J	Carlinville	Macoupin	29	Illinois	Nov. 14, 1975	4864
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### STATE MINING BOARD CERTIFICATES ISSUED FOR MINE EXAMINERS—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Adams, Larry	Harrisburg	Saline	31	Illinois	April 28, 1975	6337
Adkins, Robert	West Frankfort	Franklin	34	Illinois	April 28, 1975	6338
Anderson, Walter B	Christopher	Franklin	35	Illinois	April 28, 1975	6339
Bacon, Richard N	Coello	Franklin	28	Illinois	April 28, 1975	6340
Baker, Harold G	Johnston City	Williamson	35	Illinois	April 28, 1975	6341
Barham, Bill G	Johnston City Johnston City	Williamson Williamson	28 41	Illinois	April 28, 1975 April 28, 1975	6342 6343
Barnfield, Kenneth	Benton	Franklin	40	Illinois	April 28, 1975	6344
Bennett, James L	Royalton	Franklin	40	Illinois	April 28, 1975	6345
Bird, Teddy S	Coulterville	Randolph	37	Illinois	April 28, 1975	6346
Blair, Don A	Ridgway	Gallatin	36	Kentucky	April 28, 1975	6347
Blaylock, Roger O	Herrin	Williamson Franklin	36	Illinois	April 28, 1975 April 28, 1975	6348 6349
Boone, Anthony J	Harrisburg	Saline	29 30	Illinois	April 28, 1975	6350
Brocaille, James A	DuQuoin	Perry	30 29	Illinois	April 28, 1975	6351
Brown, Gary W	Marion	Williamson	29	Illinois	April 28, 1975	6352
Burgess, James	Herrin	Williamson	34	Illinois	April 28, 1975	6353
Cain, Darlin Davayne	Carrier Mills	Saline	33 31	Illinois	April 28, 1975	6354 6355
Cain, Larry	Harrisburg Benton	Saline Franklin	33	Illinois	April 28, 1975	6356
Cameron, David	West Frankfort	Franklin	29 34	Illinois	April 28, 1975 April 28, 1975	6357
Canada, Richard A	Benton	Franklin	34	Illinois	April 28, 1975	6358
Chambers, Robert C	Mt. Vernon	Jefferson	27	Illinois	April 28, 1975	6359
Clock, Robert L	Herrin	Williamson	31	Illinois	April 28, 1975 April 28, 1975	6360
Cole, Guy	Christopher	Franklin	25 30	Illinois	April 28, 1975	6361 6362
Cook, Jerry W	Christopher	Franklin	32	Illinois	April 28, 1975	6363
Cotter, John L	Galatia	Saline	23 27	Illinois	April 28, 1975	6364
Cotter, John L	Marion	Williamson	27	Illinois	April 28, 1975 April 28, 1975	6365
Crisp, Max Roger	Benton	Franklin	44	Illinois	April 28, 1975	6366
Day, Michael Owen	Marissa	St. Clair	28	Indiana	April 28, 1975	6367 6368
Degenhardt, James B Dickerson, Samuel R	Oakdale	Perry Jackson	32 27	Illinois	April 28, 1975 April 28, 1975	6369
Dickey, Wesley E	Sesser	Franklin	37	Illinois	April 28, 1975	6370
Dorris, George T	West Frankfort	Franklin	28	Illinois	April 28, 1975	6371
Doty, James Thomas	West Frankfort	Franklin	36	Illinois	April 28, 1975 April 28, 1975	6372
Dunn, Vernon	Sesser	Franklin Franklin	23 30	Indiana	April 28, 1975	6373 6374
Etters, Mark W	West Frankfort	Franklin	23	Missouri	April 28, 1975	6375
Evans, Lewis	Thomsonville	Franklin	50	Illinois	April 28, 1975	6376
Falmier, Dennis Ray	Carterville	Williamson	24 27	Illinois	April 28, 1975	6377
Ferguson, Thomas S	DuQuoin	Perry	27	Illinois	April 28, 1975	6378
Fisher, Dennis Ray Fontanna, Ronald E	Tamaroa	Perry Jackson	24 27	Illinois	April 28, 1975 April 28, 1975	6379 6380
Forby, Paul	Benton	Franklin	50	Illinois	April 28, 1975	6381
Fraulene, Jerry	Benton	Franklin	38	Illinois	April 28, 1975	6382
Garascia, Carl	Sesser	Franklin	37	Illinois	April 28, 1975	6383
Geppert, Peter R	Coulterville	Randolph Randolph	44 44	Illinois	April 28, 1975 April 28, 1975	6384 6385
Gimbert, Leo, Jr	Coulterville	Williamson	39	Illinois	April 28, 1975	6386
Greenwood, Jack J	Mulkeytown	Franklin	32	Illinois	April 28, 1975	6387
Gunter, Curtis W	Benton	Franklin	31	Illinois	April 28, 1975	6388
Hafford, Denzil L	Eldorado	Saline	24	Illinois	April 28, 1975	6389
Hamilton, William M Hawkins, James R	Scheller	Jefferson Franklin	28	Illinois	April 28, 1975 April 28, 1975	6390 6391
Hefner, Carl Eugene	Sesser	Franklin	34 41	Arkansas	April 28, 1975	6392
Hefner, Clyde Wilson	Benton	Franklin	39	Arkansas	April 28, 1975	6393
Hefner, Jerry Lee	Benton	Franklin	37	Arkansas	April 28, 1975	6394
Hicks, Clifford L	Waltonville	Jefferson	47 33	Illinois	April 28, 1975	6395
Hill, Gary B	Marion	Williamson Perry	55	Illinois	April 28, 1975 April 28, 1975	6396 6397
Hogg, Joseph	West Frankfort	Franklin	28	Illinois	April 28, 1975	6398
Hosmon, Parvin, Jr	Herrin	Williamson	24 28	Illinois	April 28, 1975	6399
Jacoby, Charles R	Mulkeytown	Franklin	28	Illinois	April 28, 1975,	6400
Jarden, Lewis C	Benld	Macoupin	28	Illinois	April 28, 1975	6401 6402
Jenkel, Ross Herschel Johnson, Douglas E	Ashley	Perry Jefferson	22 29 37	Illinois	April 28, 1975 April 28, 1975	6403
Jones, Charles E	Gallatia	Saline	37	Illinois	April 28, 1975	6404
Jones, David L	DeSoto	Jackson	30	Illinois	April 28, 1975	6405
Joy, Ronald A	lna	Jefferson	32	Illinois	April 28, 1975	6406
Keil, Larry A	New Athens	St. Clair	25 27	Illinois	April 28, 1975 April 28, 1975	6407 6408
Kohring, Ronald L	Sesser	Franklin Randolph	29	Illinois	April 28, 1975	6409
Lowless, Leonard, Jr	Swanwick	Perry	27	Illinois	April 28, 1975	6410
Leahr Michael F	Okawville	Washington .	32	Illinois	April 28, 1975	6411
LeVault, Jimmie D	Sesser	Franklin	36	Illinois,	April 28, 1975	6412
LeVault, Richard G Liggett, Ira E	Sesser	Franklin Jefferson	38 25	Illinois	April 28, 1975	6413 6414
Long, Elbert	Mascoutah	St. Clair	49	Illinois	April 28, 1975 April 28, 1975	6415
					,20,	

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificat
Lynch, Alfred Eugene	Ewing	Franklin	33	Illinois	April 28, 1975	6416
McBride, Willard H	Tilden	Randolph	36	Illinois	April 28, 1975	6417
McGangle, Carl Dean	Marissa	St. Clair	35	Illinois	April 28, 1975	6418
McIntosh, Thomas Z	Marissa	St. Clair	33	Illinois	April 28, 1975	6419
Mandrell, Donald E	Benton	Franklin	37 33	Illinois	April 28, 1975	6420 6421
Martin, Bobby Lee	Tilden	Randolph Franklin	35	Kentucky Illinois	April 28, 1975 April 28, 1975	6422
Martin, George E	Marion	Williamson	38	Illinois	April 28, 1975	6423
Martin, Oscar J	Marissa	St. Clair	45	Michigan	April 28, 1975	6424
Marvel, Gary W	Thompsonville	Franklin	24	Illinois	April 28, 1975	6425
Mason, William L	Herrin	Williamson	31	Illinois	April 28, 1975	6426
Navnor, Michael E	DuQuoin	Perry	26	Illinois	April 28, 1975	6427
Aajdich, Randall D	Valier	Franklin	27	Illinois	April 28, 1975	6428
Ainor, David M	Waltonville	Jefferson	27	Illinois	April 28, 1975	6429
Nontgomery, Jerry W	Scheller	Jefferson	26	Illinois	April 28, 1975	6430
Mooke, Clifton Ward	Freeburg	St. Clair Jefferson	23 27	Illinois	April 28, 1975 April 28, 1975	6431 6432
Morris, Stanley J	Mt. Vernon	St. Clair	26	Illinois	April 28, 1975	6433
Tyers, James W	Scheller	Jefferson	28	Illinois	April 28, 1975	6434
laas, Denny	Shawneetown	Gallatin	24	Illinois	April 28, 1975	6435
likolich, Daniel F	Christopher	Franklin	23	Illinois	April 28, 1975	6436
rella, Gary J	Sparta	Randolph	24	Illinois	April 28, 1975	6437
rella, Gary J	Sparta	Saline	28	Illinois	April 28, 1975 April 28, 1975	6438
vington, William L	Sesser	Franklin	24	Illinois	Δ nril 28 1975	6439
verturf, Mark S	Herrin	Williamson	25	Illinois	April 28, 1975 April 28, 1975 April 28, 1975	6440
wens, David I	Marissa	St. Clair	33 26	Illinois	April 28, 1975	6441
wsley, Rick A	Orient	Franklin	26	Illinois	April 28, 1975	6442
arkhill, Phillip D	West Frankfort	Franklin	25 33	Illinois	April 28, 1975	6443 6444
atton, Deon	Fairview Heights	St. Clair	40	Illinois	April 28, 1975	6445
estka, Michael K	Tamaroa	Perry	27	Illinois	April 28, 1975 April 28, 1975	6446
fifer, Harold D ickford, Bertis W	Ridgway	Saline	25	Illinois	April 28, 1975	6447
ieszchalski, David	Belleville	St. Clair	24	Illinois	April 28, 1975	6448
ieszchalski, Les J	DuBois	Washington .	49 37	Illinois		6449
orrit, Les E	West Frankfort	Franklin	37	Illinois	April 28, 1975 April 28, 1975	6450
osev. William F	Marissa	St. Clair	47	Illinois	April 28, 1975	6451
rather, Willard L	Harrisburg	Saline	41	Illinois	April 28, 1975	6452
ay, Robert	Thompsonville	Williamson	46	Illinois	April 28, 1975 April 28, 1975	6453
ider, Richard A	Dowell	Jackson	39	Ohio	April 28, 1975 April 28, 1975	6454
iley, William R	Sesser	Franklin	37 23	Illinois	April 28, 1975	6455
ice, Jerry L	Eldorado	Saline	23	Illinois	April 28, 1975	6456 6457
oach, Jack Eobinson, Dennis E	West Frankfort Freeburg	Franklin St. Clair	44 25	Illinois Oklahoma	April 28, 1975	6458
olla, Michael	Christopher	Franklin	30	Illinois	April 28, 1975 April 28, 1975	6459
olla, Stephen Roy	Christopher	Franklin	25	Illinois	April 28, 1975	6460
andusky, Earl E	Benton	Franklin	44 27	Illinois	April 28, 1975	6461
chram, Douglas P	West Frankfort	Franklin	27	Illinois	April 28, 1975	6462
chweiger, Robert	Freeburg	St. Clair	39	Illinois	April 28, 1975	6463
helton, Danny L	Sesser	Franklin	23	Illinois	April 28, 1975	6464
hevlin, Richard L	Sparta	Randolph	31	Illinois	April 28, 1975	6465
hockley, Cecil, Jr	Sparta	Randolph	31 27 27	Illinois	April 28, 1975 April 28, 1975	6466 6467
impson, Tom, Jr	Marion	Williamson	27	Illinois	April 28, 19/5	6467 6468
impson, Roy E	Harrisburg West Frankfort	Saline Franklin	31 23 32 35	Illinois	April 28, 1975 April 28, 1975	6469
mothers, Lindell W	Benton	Franklin	32	Illinois	April 28, 1975	6470
nider, Donald E	Christopher	Franklin	35	Illinois	April 28, 1975	6471
nook, Elmo Richard	Georgetown	Vermilion	63	Illinois	April 28, 1975	6472
owman, John W	Herrin	Williamson	36	Illinois	April 28, 1975	6473
piller, Rich L	Mt. Vernon	Jefferson	26 31	Illinois	April 28, 1975	6474
tafko Carl R	Royalton	Frankiin	31	Illinois	April 28, 1975	6475
tanley, Leonard W	West Frankfort	Franklin	36	Illinois	April 28, 1975	6476
tegall, Kenneth R	Sesser	Franklin	30	Illinois	April 28, 1975	6477
tephenson, Donald E	Pittsburg	Williamson	28 31	Illinois	April 28, 1975 April 28, 1975	6478 6479
trate, Kenneth R	Mascoutah	St. Clair Franklin	31	Indiana	April 28, 1975	6480
ummers, Lee Wayne	Benton	Franklin	28	Illinois	April 28, 1975	6481
ummers, Ronald D	Thompsonville	Franklin	18	Illinois	April 28, 1975 April 28, 1975	6482
utton, Lavern,	Harrisburg	Saline	53	Illinois	April 28, 1975	6483
wain, Ronald R	DuQuoin	Perry	26	Illinois	April 28, 1975	6484
anner, Sammy G	Marion	Williamson	28	Illinois	April 28, 1975	6485
aylor, Danny M	Carrier Mills	Saline	25 23	Illinois	April 28, 1975	6486
avlor, Steven Rov	Mt. Vemon	Jefferson	23	Illinois	April 28, 1975	6487
ennison, William G	Benton	Franklin	1 52	Illinois	April 28, 1975	6488
imo, Donald J	Ashley	Washington .	32 27	Michigan	April 28, 1975 April 28, 1975	6489 6490
Shan, Thomas W	Steeleville	Randolph	27	Illinois	April 28, 1975 April 28, 1975	6490 6491
Todd, Joe D	Thompsonville	Franklin	48	Illinois	April 28, 1975	6492
oms, James K., Sr	Benton	rranklin	46	mmois	April 20, 1975	
oms, James K., Jr	Logan	Franklin	23	Illinois	April 28, 1975	6493

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Voseh Jehensti	Christopher	Franklin	27	Illinois	April 28, 1975	6495
Veach, Johnny L					April 20, 1975	
Walker, George C. L	Herrin	Williamson Williamson	27 28	Illinois	April 28, 1975	6496 6497
Wall, Robert Kelly	Marion		28	Illinois	April 28, 1975	
Watson, John C	Baldwin	Randolph	24	Illinois	April 28, 1975	6498
Weilmuenster, Paul	Marissa	St. Clair	28	Illinois	April 28, 1975	6499
Westcott, David K	New Athens	St. Clair	49	Illinois	April 28, 1975	6500
Williams, Wm. H	Harrisburg	Saline	56	Illinois	April 28, 1975	6501
Williamson, Wayne	Harrisburg Belleville	St. Clair	39	Illinois	April 28, 1975 April 28, 1975	6502
Wilson, Ronald D	I Valier	Franklin	29	Illinois	April 28, 1975	6503
Winters, Wayne	Carrier Mills	Saline	27	Illinois	April 28, 1975	6504
Woods, Gordon A	Benton	Franklin	36	Illinois	April 28, 1975	6505
Aden, Michael J	Carlinville	Macoupin	28 27 36	Illinois	May 12, 1975	6506
Allen, Gary Lynn	Girard	Macoupin	2/	Illinois	May 12, 1975 May 12, 1975	6507
Austin, Charles B	Terre Haute, Ind	Vigo (Ind.)	36	Ontario, Can.	May 12, 1975	6508
Baker, Bill D., Jr	Carlinville	Macoupin	23	Illinois	May 12, 1975	6509
Banfield, James	Kincaid	Christian	50 25 27	Ohio	May 12, 1975	6510
Bates, Gary W	Carlinville	Macoupin	25	Illinois	May 12, 1975 May 12, 1975	6511
Beavers, Dennis R	Kincaid	Christian	27	Illinois	May 12, 1975	6512
Bertetto, Frank L	Gillespie	Macoupin		Illinois	May 12, 1975	6513
Bertetto, Larry G	Benid	Macoupin	28	Illinois	May 12, 1975	6514
Binegar, Timothy L	Bulpilt	Christian	28 34	Illinois	May 12, 1975	6515
Binegar, Timothy L	Pawnee	Sangamon	23	Illinois	May 12, 1975	6516
Bollier, Charles W	Taylorville	Christian	23 32	Indiana	May 12, 1975	6517
Bruce, Alan Dale	Girard	Macoupin	48	Illinois	May 12 1975	6518
Bryce Mark G	Indian	Montgomery	48 27	Illinois	May 12, 1975 May 12, 1975	6519
Bryce, Mark G Buschon, William J	Irving	Christian	38	Illinois	May 12, 1975	6520
Butler, Edward L	Girard	Macoupin	24	Illinois	May 12, 1975	6521
Commer, Allan M	Hillsboro	Montgomery	20	Illinois	May 12, 1975	6522
Cotterman, Richard	Virden	Macoupin	27	Ohio	May 12, 1975	6523
Deschamps, Albert	Auburn	Sangamon	24 39 27 50	Ohio Illinois	May 12, 1975 May 12, 1975	6524
Dengus, John Allen	Carlinville	Macoupin	39	Virginia	May 12, 1975	6525
Elledge, Lee Edwin	Carlinville	Macoupin	25	Illinois	May 12, 1975	6526
Finger Otto W	Blanford, Ind	Vermilion	43	Indiana	May 12, 1975	6527
Finger, Otto W	Pana	Christian	53	Illinois	May 12, 1975 May 12, 1975	6528
Goans, Richard E	Oakland	Coles	29	Indiana	May 12, 1975	6529
Gorman, Martin Lee	Raymond	Montgomery	30	Illinois	May 12, 1975	6530
Griffin, Carl L	Cillmore	Managemen	30	Illinois	May 12, 1975	6531
Grove, Donald E	Fillmore	Montgomery	39 28	IIIIIIOIS	May 12, 1975 May 12, 1975	6532
Grove, Donald E	Bunker Hill	Macoupin	26	Illinois	Way 12, 1975	6533
Grove, Larry F	Bunker Hill Gillespie	Macoupin	35	Illinois	May 12, 1975 May 12, 1975	6534
Hall Thomas E	Hillsboro	Montgomery	43	Illinois	May 12, 1975	6535
Hall, Thomas E	pawnee	Sangamon	28	Illinois	May 12, 1975 May 12, 1975	6536
Henry, Robert R	Virden	Macoupin	26	Illinois	May 12, 1975	6537
Henshaw, James R	Hillsboro	Montgomery	26	Illinois	May 12, 1975	6538
Highlander, Kenneth	Staunton	Macoupin	38	Colorado	May 12 1975	6539
Hobson, Ralph W	Farmersville	Montgomery	34	Illinois	May 12 1975	6540
Huber, Paul F	Hillsboro	Montgomery	36	Illinois	May 12, 1975 May 12, 1975 May 12, 1975	6541
Jackson, Terry A	Litchfield	Montgomery	25	Illinois	May 12, 1975	6542
Julius, Peter R	Toney	Christian	26	Illinois	May 12, 1975	6543
Kaburick Larny D	Carlinville	Macoupin	30	Illinois	May 12, 1975	6544
Kaburick, Larry D Kelly, Donald E	Tuscola	Douglas	28	Illinois	May 12, 1975 May 12, 1975	6545
Kennedy, Harold	Taylorville	Christian	42	Missouri	May 12, 1975	6546
Kennedy, Thomas G	Tuscola	Douglas	25	Kentucky	May 12, 1975	6547
Kirkendoll, Kenneth	Witt	Montgomery	37	Illinois	May 12 1975	6548
Krunka, Joseph C	Mt. Olive	Macoupin	37 29	Illinois	May 12, 1975 May 12, 1975	6549
Lane, Dana	Owaneco	Christian	1 42	Illinois	May 12, 1975	6550
Laurent, Gary W	Hillsboro	Montgomery	25	Illinois	May 12, 1975	6551
Leonard, Michael W	Farmersville	Montgomery	25 30	Illinois	May 12 1975	6552
Lovett, Elbert Orrie	Catlin	Vermilion	55	Illinois	May 12, 1975 May 12, 1975	6553
Matevey, James D	Moro	Madison	32	Illinois	May 12, 1975	6554
Miller, David Kent	Springfield	Sangamon	38	Illinois	May 12, 1975	6555
Mitchell, Charles	Villa Grove	Douglas	40	Illinois	May 12 1975	6556
Moody, Gregory G	Gillespie	Macoupin	27	Illinois	May 12, 1975 May 12, 1975	6557
Moore, Terry L	Grayville	White	25	Illinois	May 12, 1975	6558
Moore, Wilbur A	Coffeen	Montgomery	38 40 27 25 35	Illinois	May 12, 1975	6559
Parker, Dennis L	W. Terre Haute, Ind.	Vigo (Ind.)	24	Indiana	May 12, 1975	6560
Petty, Clarence A	Mt. Carmel	Wabash	32	Illinois	May 12, 1975 May 12, 1975	6561
Pollo, Edward S	Sawyerville	Macoupin	30	Illinois	I May 12 1975	6562
Pratt, Bill H	Girard	Macoupin	46	Illinois	May 12, 1975	6563
Redolfi, William F	Benid	Macoupin	27	Illinois	May 12, 1975	6564
Reed, Ronald V	Taylor Springs	Montgomery	46 27 27	Illinois	May 12, 1975 May 12, 1975 May 12, 1975	6565
Rhine, Charles R	Farmersville	Montgomery	29	Illinois	I May 12, 1975	6566
Richards, Frederick	Edinburg	Christian	29 34 33 35 30	Illinois	May 12, 1975 May 12, 1975	6567
Rodden, William R	Nokomis	Montgomery	33	Illinois	May 12, 1975	6568
Shearburn, Don R	Farmersville	Montgomery	35	Illinois	May 12, 1975	6569
Sauzek, Curtis Glen	Gillespie	Macoupin	30	Illinois	May 12, 1975	6570
Skeldon, Dennis D	Gillespie	Macoupin	28 33	Illinois	May 12, 1975	6571
Smith, Lynn E	Hillsboro	Montgomery	33	Illinois	May 12, 1975	6572
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Name	Post Office	County	Age	Birthplace	Date of examination	No. of certifica
Smith, Terrence D	Coffeen	Montgomery	31	Illinois	May 12, 1975	6573
Spicer, Robert L	Girard	Macoupin	37 22	Illinois	May 12, 1975	6574
Steele, David L	Carlinville	Macoupin	22	I Indiana	May 12, 1975	6575
Strohbehn, Peter	Staunton	Macoupin	35	lowa	May 12, 1975	6576
Tarter, William R	Fillmore	Montgomery	35 42	I Illinois	May 12, 1975	6577
Taylor, David G	Litchfield	Montgomery	27	Illinois	May 12, 1975	6578
Thompson, Carl R	Gillespie	Macoupin	45	Illinois	May 12, 1975	6579
Frovelstead, Chas	Carlinville	Macoupin	24	Illinois	May 12, 1975	6580
Weatherford, Russell	Litchfield	Montgomery	42	Illinois	May 12, 1975	6581
Wright, Andrew J	Benld	Macoupin	46	Oklahoma	May 12, 1975 Nov. 3, 1975 Nov. 3, 1975	6582
Albott, Sherley E	Shawneetown	Gallatin	34 29 47	Kentucky	Nov. 3, 1975	6583 6584
Allen, Bill F	Harrisburg	Saline Franklin	47	Illinois	Nov. 3, 1975	6585
	Benton	Franklin	30	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6586
Bond, Ralph E	Galatia	Saline St. Louis	33	Illinois	Nov. 3, 1975	6587
Bradfield, Andrew	Herrin	Williamson	39 33 28 27	Illinois	Nov. 3, 1975	6588
Brandon, Gregory R	Johnston City	Williamson	27	Illinois	Nov. 3, 1975	6589
Subanovich, Thos	Marion	Williamson	27 23	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6590
Bundren, Bobby D	Marion	Williamson	23	Illinois	Nov. 3, 1975	6591
Bunton, Michael E	DuQuoin	Perry	29	Illinois	Nov. 3, 1975	6592
Burklow, Lester	Marion	Williamson	34	Indiana	Nov. 3. 1975	6593
Cavinder, Larry A	Sesser	Franklin	25	Illinois	Nov. 3, 1975	6594
esar, Gary Gene	Christopher	Franklin	29 34 25 27 23 27	Illinois	Nov. 3, 1975 Nov. 3, 1975	6595
izick, Frank E	Tamaroa	Perry	23	Illinois	Nov. 3. 1975	6596
lendenin, Charles	Johnston City	Williamson	27	Illinois	Nov. 3, 1975	6597
luck, Michael K	Galatia	Saline	26 25	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6598
owper, Clifford W	Carrier Mills	Saline	25	Illinois	Nov. 3, 1975	6599
reamer, Charles	Eldorado	Saline	39 26	Indiana	Nov. 3, 1975	6600 6601
ame, Charles D., Jr	Sesser	Franklin	20	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6602
Dammerman, Mervin	Mt. Vernon	Jefferson	30 37	Illinois	Nov. 3, 1975	6603
Pavis, Dale W Peal, Bobby G	West Frankfort	Franklin	23	Illinois	Nov. 3, 1975	6604
esmuke, Paul W	Sparta	Randolph	44	Tennessee	Nov. 3, 1975	6605
odd Larry D	Johnston City	Williamson	44 33 29 34	Illinois	Nov. 3, 1975 Nov. 3, 1975	6606
ressler, John C	Scheller	Jefferson	29	Illinois	Nov. 3, 1975	6607
ubanks, Cecil L	Sesser	Franklin	34	Illinois	Nov. 3. 1975	6608
isk, George A	Harrisburg	Saline	41 50 28	Illinois	Nov. 3, 1975 Nov. 3, 1975	6609
leschner, George	Terre Haute, Ind	I Vigo (Ind.) I	50	Indiana	Nov. 3, 1975	6610
luck, Stephen M	Freeburg	St. Clair	28	Illinois	Nov. 3, 1975	6611
ollowell, Willard	Hurst	Williamson	24 33 25	Illinois	Nov. 3, 1975	6612
rost, Larry Gale	Benton	Franklin	33	Illinois	Nov. 3, 1975 Nov. 3, 1975	6613
uller, Lyndell G	Marion	Williamson	49	Illinois	Nov. 3, 1975	6614 6615
ulton, Thomas L	Sesser	Franklin Perry	36	Illinois	Nov. 3, 1975	6616
eralde Envise	Marissa	St. Clair	20	Illinois	Nov. 3, 1975 Nov. 3, 1975	6617
eralds, Ervine	Eldorado	Saline	29 22 28	Illinois	Nov. 3, 1975	661B
ossett, James W	Mulkeytown	Franklin	2B	Illinois	Nov 3 1975	6619
reer, Larry G	Harrisburg	Saline	2B 22	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6620
iulley, Dennis	Christopher	Franklin	22	Illinois Missouri	Nov. 3, 1975	6621
laggerty, Michael	Belleville	St. Clair	2B	Missouri	Nov. 3, 1975	6622
lall, Gerald	Zeigler	Franklin	34	Illinois	Nov 3 1975	6623
lankins, James O	Galatia	Saline	22	Missouri	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6624
enson, James C	Raleigh	Saline	46	Arkansas	Nov. 3, 1975	6625
lill, Bob	Harrisburg	Saline	21 25	Illinois	Nov. 3, 1975	6626
ill, John S	Stonefort	Saline	25 47	Illinois	Nov. 3, 1975	6627 6628
iller, Archie R	Christopher	Franklin Franklin	27	Illinois	Nov. 3, 1975 Nov. 3, 1975	6629
nes, Robert	Benton	Saline	23	Illinois	Nov. 3, 1975	6630
ouseworth, Clifford	Ewing	Franklin	33	Illinois	Nov. 3, 1975	6631
aras, John Robert	West Frankfort	Franklin	31	Illinois	Nov. 3, 1975 Nov. 3, 1975	6632
aim, David F	Marissa	St. Clair	33 31 27	Illinois	Nov. 3, 19/5	6633
nstler, Donald W	Pinckneyville	Perry	27 I	Illinois	Nov. 3, 1975	6634
rkman, Robert D	Marissa	St. Clair	33 25 31	Illinois	Nov. 3. 1975	6635
ur, Kirby L	Waltonville	Jefferson	25	Illinois	Nov. 3, 1975 Nov. 3, 1975	6636
slie, Arlen H	Beckemeyer	Clinton	31	Illinois	Nov. 3, 1975	6637
nd, Paul	Johnston City	Williamson	35	Illinois	Nov. 3, 1975	6638
ong, Phillip W	Christopher	Franklin	27 [	Illinois	Nov. 3, 1975	6639
ıcas, John R., Jr	Kincaid	Christian	50 33 22 33	Illinois	Nov. 3, 1975	6640
ynch, Douglas A	Mt. Vernon	Jefferson	33	Illinois	Nov. 3, 1975	6641
cSpadden, Jack L	Herrin	Williamson	22	Illinois	Nov. 3, 1975	6642
landrell, Gordon L	Benton	Franklin	33	Illinois	Nov. 3, 1975	6643 6644
landrell, Vernon	Benton	Franklin	33 44	Illinois	Nov. 3, 1975 Nov. 3, 1975	6645
larks, Lonnie O	Cambria	Williamson	27	Illinois	Nov. 3, 1975	6646
liller, Gerald L	Freeburg	St. Clair	27	Illinois		6647
lorgan, Luther E	Zeigler Oakdale	Franklin Washington .	29	Michigan Illinos	Nov. 3, 1975 Nov. 3, 1975	6648
orris, Kenneth E	Johnston City	Washington . Williamson	27 33 29 31	Illinois	Nov. 3, 1975	6649
loss, Marshall Lee	Benton	Franklin	27	Illinois	Nov. 3, 1975	6650
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Noye, Noble H	Ridgway	Gallatin	41	Illinois	Nov. 3, 1975	6651

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Murphy, Leonard	West Frankfort	Franklin	29	Illinois	Nov. 3, 1975	6652
Neal, Lloyd L	Benton	Franklin	35	Illinois	Nov. 3. 1975	6653
Nicholson, Kenneth	West Frankfort	Franklin	25	Illinois	Nov. 3, 1975	6654
Norman, Daniel C	West Frankfort	Franklin	23	Illinois	Nov. 3, 1975	6655
Orto, Connie K	Coulterville	Randolph	33	Illinois	Nov. 3, 1975	6656
Overturf, Gregory	Johnston City	Williamson	27	lowa	Nov. 3, 1975	6657
Pait, David Harold	Harrisburg	Saline	38 25	Illinois	Nov. 3, 1975	6658
Patterson, Tommy H Payne, Gabriel J	Galatia	Saline	30	Illinois	Nov. 3, 1975	6659 6660
Peebels, Ronald D	Carrier Mills	Saline	34	Illinois	Nov. 3, 1975 Nov. 3, 1975	6661
Phillips, Dennis L	Elkville	Jackson	26	Illinois	Nov. 3, 1975	6662
Pierce, Everett L	Ina	Jefferson	51	Illinois	Nov. 3, 1975	6663
Pigg, Robert E	Harrisburg	Saline	22	Indiana	Nov. 3, 1975	6664
Pike, Rocky E	West Frankfort	Franklin	25	Illinois	Nov. 3 1975	6665
Pinkston, James J	Harrisburg	Saline	41	Illinois	Nov. 3, 1975	6666
Pitchford, Robert	Marion	Williamson	27	Illinois	Nov. 3, 1975	6667
Plab, Dennis R	Belleville	St. Clair Franklin	28 30	Illinois	Nov. 3, 1975	6668
Ramsey, Robert F	Omaha	Gallatin	44	Illinois	Nov. 3, 1975 Nov. 3, 1975	6669 6670
Ray, Charles E	Johnston City	Williamson	29	Illinois	Nov. 3, 1975	6671
Hehbein, Carlyn D	Mascoutah	St. Clair	39	Illinois	Nov. 3, 1975	6672
Reidelberger, 8yford	Mascoutah	Perry	27	Illinois	Nov. 3, 1975 Nov. 3, 1975	6673
Rice, James L	Logan	Franklin	38	Illinois	Nov. 3, 1975	6674
Riley, K. Michael	Carterville	Williamson	32 32	Illinois	Nov. 3. 1975	6675
Robinson, Hugh J Schifferdecker, R. C.	Carterville	Williamson	32	Illinois	nov. 3, 1975 nov. 3, 1975	6676
Schmook, Joseph A	Marissa	St. Clair	30	Missouri	nov. 3, 1975	6677
Schrage, Joseph D	Harrisburg Venedy	Saline Washington .	31	Illinois	Nov. 3, 1975	6678
Seigart, John	Sesser	Franklin	29 52	Missouri	Nov. 3, 1975	6679 6680
Simpson, Donald L	West Frankfort	Franklin	37	Illinois	Nov. 3, 1975 Nov. 3, 1975	6681
Smith, John B	Coulterville	Randolph	37 24	I Illinois	Nov. 3. 1975	6682
Steinmetz, Jack L	West Frankfort	Franklin	33 28	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6683
Steinsultz, Sammy	Harrisburg	Saline	28	I Illinois	Nov. 3, 1975	6684
Stipes, Kellis C	West Frankfort	Franklin	59 23	Alabama	Nov. 3. 1975	6685
Thomas, Ricky L	Benton	Franklin	23 41	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6686
Traynor, Sturar	Raleigh	Saline Douglas	29	Illinois	Nov. 3, 1975	6687
Tumer, Ronald E	Atwood	Piatt	28	Illinois	Nov. 3, 1975	6688 6689
					Voided	6690
Walker, Darrell L	Harrisburg	Saline	26	Illinois	Nov. 3. 1975	6691
Wallace, Dennis L	West Frankfort	Franklin	27	Illinois	Nov. 3, 1975 Nov. 3, 1975	6692
Wallace, Thomas A	Zeigler	l Franklin	26	Illinois	Nov. 3. 1975	6693
Weaver, George P	West Frankfort	Franklin	27	Illinois	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6694
Webb, Jack E	Zeigler	Franklin	41	Illinois	Nov. 3, 1975	6695
Welber, Ralph	Freeburg	St. Clair St. Clair	44 37	Illinois	Nov. 3, 19/5	6696 6697
Welch, David	Cambria	Williamson	37	Illinois	Nov. 3, 1975	6698
Willard, Richard M	Shawneetown	Gallatin	29 38	Indiana	Nov. 3, 1975 Nov. 3, 1975 Nov. 3, 1975	6699
Williams, C. W	Shawneetown	Gallatin	42	Kentucky	Nov. 3, 1975	6700
Williams, Howard	Equality	Gallatin	62	Nov. 3, 1975 .	,	6701
Witges, Robert A	Scheller	Jefferson	27	Illinois	Nov. 3, 1975	6702
Withrow, William E	Christopher	Franklin	24	Illinois	Nov. 3, 1975 Nov. 3, 1975	6703
Woolard, Harold H	West Frankfort	Franklin	30	Illinois	Nov. 3, 1975	6704
Zipfel, Roger	Freeburg	St. Clair	47 31	Illinois	Nov. 3, 1975	6705
and deliber, Geldiu	Tamaroa	Perry	31	Illinois	Nov. 3, 1975	6706
Alberts, Gary Lee	Taylorville	Christian	30	Illinois	Nov. 13, 1975	6707
Anderson, Donald L	Kincaid	Christian	40	Illinois	Nov. 13, 1975	6708
Armes, William C	Litchfield	Montgomery	26	Illinois	Nov. 13. 1975	6709
Ashby, Robert L	Plainview	Macoupin	40	I Arkansas i	Nov. 13, 1975 Nov. 13, 1975	6710
Bergman, Carl R	Hillsboro	Montgomery	33 39	Illinois	Nov. 13, 1975	6711
Best, Michael	Palmyra	Macoupin	39	Illinois	Nov. 13. 1975	6712
Bires, John R	Mt. Olive	Macoupin	40 27	Illinois	Nov. 13, 1975	6713
Branham, Cecil A	irving	Macoupin Montgomery	36	Montana	Nov. 13, 1975 Nov. 13, 1975	6714 6715
Bunge, James P	Gillespie	Macoupin	28	Illinois	Nov. 13, 1975	6716
Bunge, James P	Springfield	Sangamon	27	Illinois	Nov. 13, 1975	6717
Cary, Ronald L	Springfield Edinburg	Christian	27 28	I Illinois I	Nov. 13, 1975	6718
Cepak, Frank J	l lavlorville	Christian	31	Michigan	Nov. 13, 1975	6719
Challans, Danny R	Plainview	Macoupin	26	Illinois	Nov. 13, 1975	6720
Coleman, Johnny A	Butler	Montgomery	31 24	Illinois	Nov. 13, 1975	6721
Compton, Roger Paul	Tugoolo	Montgomery	24	Osaka, Japan	Nov. 13. 1975 I	6722
	Tuscola	Douglas	50 34	Illinois	Nov. 13, 1975	6723
rawford Faril		Montgomery	54	Illinois	Nov. 13, 1975 Nov. 13, 1975	6724 6725
Crawford, Earl L	Urbana	Champaign				
Crawford, Earl L	Urbana	Champaign Sangamon	50	Illinois	Nov 13 1975	
Crawford, Earl L	Urbana	Sangamon	56 50 38	Illinois	Nov. 13, 19/5	6726
Drawford, Earl L. Droskin, Oliver J. Delinsky, Anthony J. Durbin, Joseph F. Farguson, Thomas D.	Urbana	Sangamon Macoupin	38	Illinois	Nov. 13, 1975 Nov. 13, 1975 Nov. 13, 1975	6726 6727
Crawford, Earl L	Urbana	Sangamon	50 50 38 27 50	Illinois	Nov. 13, 19/5	6726

					Date of	No. of
Name	Post Office	County	Age	Birthplace	examination	certificate
			-	_		
Frame, George F	Gillespie	Macoupin	28	Illinois	Nov. 13, 1975	6730
Frost, Noel David	Taylorville	Christian	34	Illinois	Nov. 13, 1975	6731
Grimes, Brad A	Hillsboro	Montgomery	26	Illinois	Nov. 13, 1975	6732
Havens, James Martin	Terre Haute, Ind	Vigo (Ind.)	24	Indiana	Nov. 13, 1975	6733
Hemken, Paul E	Sorento	Bond	29	Illinois	Nov. 13, 1975	6734
Hennette, Kenneth J	Philo	Champaign	26	Illinois	Nov. 13, 1975	6735
Hindman, Milo R	Marissa	St. Clair	61	Illinois	Nov. 13, 1975	6736 6737
Houseman, James H	Kane	Jersey	34 35	Illinois	Nov. 13, 1975	6738
Hurelbrink, Donald	Edinburg	Christian	26	Illinois	Nov. 13, 1975 Nov. 13, 1975	6739
Hyndman, Dale L., Sr	Villa Grove	Douglas	25	Illinois	Nov. 13, 1975	6740
Icenberg, Lennis W	Staunton	Macoupin Christian	22	Illinois	Nov. 13, 1975	6741
Johnson, Roger J	Villa Grove	Douglas	28	Michigan	Nov. 13, 1975	6742
Johnson, Terry A	Thayer	Sangamon	23	Illinois	Nov. 13, 1975	6743
Lamb, Gary Dean	Witt	Montgomery	31	Illinois	Nov. 13, 1975	6744
Long, Dennis	Hillsboro	Montgomery	30	Illinois	Nov. 13, 1975	6745
Lubrant, Edward Jr.,	Gillespie	Macoupin	33	Illinois	nov. 13, 1975	6746
Manuel, Gary Lee	Nokomis	Montgomery	29	Illinois	Nov. 13, 1975	6747
Maguire, Perry W	Hillsboro	Montgomery	26	Illinois	Nov. 13, 1975	6748
Marit, Norman Dale	Litchfield	Montgomery	37	Illinois	Nov. 13. 1975	6749
Martincic, John P	Taylor Springs	Montgomery	25	Illinois	Nov. 13, 1975	6750
Meyer, Kenneth W	Hillsboro	Montgomery	40	Illinois	Nov. 13, 1975	6751
Miller, Kenneth E	Litchfield	Montgomery	26	Illinois	Nov. 13, 1975	6752
Morse, Theodore	Carlinville	Macoupin	40	Illinois	Nov. 13, 1975	6753
Nelson, Bill Charles	Taylorville	Christian	36	Tennessee	Nov. 13, 1975	6754
Owens, Don	Tovey	Christian	35	Illinois	Nov. 13, 1975	6755
Parish, Thurman C	Sawyerville	Macoupin	27	Illinois	Nov. 13, 1975	6756
Parker, Arlie E	New Gashen	New Gashen,				
		Ind	29	Indiana	Nov. 13, 1975	6757
Parker, John Rollie	Sandford	Vigo, Ind	26	Indiana	Nov. 13, 1975	6758
Patton, Raymond L	Bicknell	Knox, Ind	49	Indiana	Nov. 13, 1975	6759
Payne, Harvey Gene	Taylor Springs	Montgomery	35	Illinois	Nov. 13, 1975	6760
Phelps, Darrell D	Gillespie	Macoupin	30	Illinois	Nov. 13, 1975	6761
Pope, Russell M	Sorento	Bond	31	Illinois	Nov. 13, 1975	6762
Price, Charles E	Gillespie	Macoupin	29	Illinois	Nov. 13, 1975	6763
Rhodes, Gerald	Staunton	Macoupin	35	Illinois	Nov. 13, 1975	6764
Reggs, Keith E	Coffeen	Montgomery	28	Indiana	Nov. 13, 1975	6765
Rosko, Ronald Ray	Witt	Montgomery	41	Illinois	Nov. 13, 1975	6766
Rowley, Roderick B	Pana	Christian	22	Illinois	Nov. 13, 1975	6767
Samples, Johnny J	Newman	Douglas	26	Kentucky	Nov. 13, 1975	6768 6769
Settles, Kenneth L	Gillespie	Macoupin	30	Texas	Nov. 13, 1975	6770
Sparks, Thomas D	Nokomis	Montgomery	25	Illinois	Nov. 13, 1975 Nov. 13, 1975	6771
Stanley, Richard S	Allendale	Wabash Marion (Ind.).	28	Indiana Pennsylvania	Nov. 13, 1975	6772
Stefansky, Thomas	Indianapolis	Montgomery	30	Illinois	nov. 13, 1975	6773
Stivers, Charles E	Litchfield	Macoupin	43	Illinois	Nov. 13, 1975	6774
Vaughn, Aaron Ellis	Carlinville	Macoupin	22	Illinois	Nov. 13, 1975	6775
Wagner, Robert J	Taylorville	Taylorville	38	Illinois	Nov. 13, 1975	6776
Walden, Fred E	Litchfield	Montgomery	25	Illinois	Nov. 13, 1975	6777
Walker, Rodney J	Coffeen	Montgomery	29	Illinois	Nov. 13, 1975	6778
Ward, Norman Veari	Taylorville	Christian	27	Illinois	Nov. 13, 1975	6779
Williams, Terry H	Carrollton	Green	35	Illinois	Nov. 13, 1975	6780
Woosley, Herbert W	Newman	Douglas	46	Illinois	Nov. 13, 1975	6781
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### STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRIC HOISTING ENGINEER—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Agoot, Sotero, Jr	Christopher	Franklin	28	Hawaii	April 29, 1975	1558
Brantley, M. D	Eldorado	Saline	52	Illinois	April 29, 1975	1559
Craig, Floyd	Thompsonville	Franklin	35	Illinois	April 29, 1975	1560
Degenhardt, Bernard	Oakdale	Perry	55	Illinois	April 29, 1975	1561
Higgins, Dennis R	Galatia	Saline	27	Michigan	April 29, 1975	1562
Jordan, Gene E Knight, George N	Pittsburg	Williamson	24 29	Illinois	April 29, 1975	1563
Knight, George N	Galatia	Saline	29	Illinois	April 29, 1975 April 29, 1975	1564 1565
Leming, Eugene R	Coulterville	Perry	35	Illinois	April 29, 1975	1566
Questelle, Greg	Ewing	Saline	29	Illinois	April 29, 1975	1567
Ronchetto, Domenick	Sesser	Franklin	27	Illinois	April 29, 1975	1568
Rowland, Richard L	Christopher	Franklin	24	Illinois	April 29, 1975	1569
Rowland, Steve S., Jr	Coello	Franklin	27	Illinois	April 29, 1975	1570
Swalls, Robert	Zeigler	Franklin	38	Illinois	April 29, 1975	1571
Strunk, George	Marion	Williamson	31	Illinois	April 29, 1975	1572
Thompson, James W	Pittsburg	Williamson	45	Illinois	April 29, 1975	1573
Wallace, Joseph J	Valier	Franklin	48	Indiana	April 29, 1975	1574
Watson, Charles K	Eldorado	Saline	39 26	Illinois	April 29, 1975	1575 1576
Webb, Kirby L	Benton	Franklin Franklin	48	Illinois	April 29, 1975 April 29, 1975	1577
Wilson, James Leon	Sesser	Franklin	35	Illinois	April 29, 1975	1578
VVIISON, James Leon	Jussul	TIGHKIII	35	minois	April 23, 1375	1570
Anderson, Gary W	Coffeen	Montgomery	33	Indiana	May 13, 1975	1579
Compton, Norman A	Panama	Bond	25 29	Illinois	May 13, 1975	1580
Giller, Kenneth R	Donnellson	Montgomery	29	Missouri	May 13, 1975	1581
Herschelman, Harry	Waggoner	Montgomery	47 23	Illinois	May 13, 1975	1582 1583
Huddleston, Harry J	Alton	Madison Montgomery	30	Mississippi Missouri	May 13, 1975 May 13, 1975	1583
Oakley, Dewey Orland, Herbert A	Hillsboro	Montgomery	50	Illinois	May 13, 1975	1585
Tumbough, Floyd L	Hillsboro	Montgomery	33	Missouri	May 13, 1975	1586
*						
Allred, Vance D	Mt. Vernon	Jefferson	26	Arizona	Nov. 4, 1975	1587
Angleton, Joseph R	Pinckneyville	Perry	29 30	Illinois	Nov. 4, 1975 Nov. 4, 1975	1588 1589
Burgess, Bobby Dale	Valier	White Franklin	30	Kansas	Nov. 4, 1975	1590
Cantwell, Wendell W	Freeburg	St. Clair	32 32	lowa	Nov. 4, 1975 Nov. 4, 1975	1591
Clark, Jos. Phillip	Mt. Vernon	Jefferson	39	Illinois	Nov. 4, 1975	1592
Cogdill, Waldo, Jr	West Frankfort	Franklin	32	Illinois	Nov. 4, 1975	1593
Collins, Robt. D	Grayville	Edwards	34	California	Nov. 4. 1975	1594
Fields, Thomas R	Zeigler	Franklin	29	Kentucky	Nov. 4, 1975	1595
Fisher, Cleduth	Benton	Franklin	27	Illinois	Nov. 4, 1975	1596
Guest, Terry Lynn	Harrisburg	Saline	26	Illinois	Nov. 4, 1975	1597
Hafford, Denzil Lee	Eldorado	Saline	25 28	Illinois	Nov. 4, 1975	1598 1599
Hall, Charles E	Benton	Franklin	28	Illinois	Nov. 4, 1975 Nov. 4, 1975	1600
Harder, Ronnie	Bluford	Jefferson	34	Tennessee	Nov. 4, 1975	1601
Harris, Wildon Ray	Mill Shoals	Clinton	53	Illinois	Nov. 4, 1975	1602
Harrison, Carl R	Coulterville	Perry	40	Illinois	Nov. 4, 1975	1603
Hindman, Milo R	Marissa	St. Clair	61	Illinois	Nov. 4, 1975	1604
Horton, Allen D	Carrier Mills	Saline	29	Illinois	Nov. 4, 1975	1605
Ingram, Wm. W	Eldorado	Saline	62	Illinois	Nov. 4, 1975	1606
Jebron, James N	Coulerville	Randolph	34	Illinois	Nov. 4, 1975	1607
Kerley, Billy J	Thompsonville	Franklin	41	Illinois	Nov. 4, 1975	1608
Knope, Dean	Swanwick	Perry	49	Illinois	Nov. 4, 1975	1609
McCandless, James R	Harrisburg	Saline	57 44	Pennsylvania	Nov. 4, 1975 Nov. 4, 1975	1610 1611
Meadows, Stanley A	Ridgway	Franklin Gallatin	34	Illinois	Nov. 4, 1975 Nov. 4, 1975	1612
Newton, Larry L	Eldorado	Saline	33	Illinois	Nov. 4, 1975 Nov. 4, 1976	1613
Questelle, Stephen B	Harrisburg	Saline	33 22 40 25	Illinois	Nov 4 1975	1614
Richardson, Morris D	New Minden	Washington .	40	Arkansas	Nov. 4, 1975 Nov. 4, 1975	1615
Spotan-ki, Dennis L	Sesser	Franklin	25	Illinois	Nov. 4. 1975	1616
Spotanski, George L	Scheller	Franklin	43	Illinois	nov. 4. 1975	1617
Stricklin, Randolph	Eldorado	Saline	32	Illinois	Nov. 4, 1975 Nov. 4, 1975	1618
Sutton, Lavern	Harrisburg	Saline	54	Illinois	Nov. 4, 1975	1619
Tanner, Randall	Creal Springs	Williamson	46	Illinois	Nov. 4, 1975	1620
Umbrianna, Anthony	Sesser	Franklin	51	Mass	Nov. 4, 1975	1621
Vaughn, Michael L	Harrisburg	Saline	28 29	Illinois	Nov. 4, 1975	1622 1623
Vickery, James G	Shawneetown Mt. Vernon	Gallatin Jefferson	29	Illinois	Nov. 4, 1975 Nov. 4, 1975	1624
Williams, Paul E	Carrier Mills	Saline	28	Illinois	Nov. 4, 1975	1625
Banks, David F	Mt. Carmel	Wabash	47	Illinois	Nov. 14, 1975	1626
Binegar, Timothy	Bulpitt	Christian	35	Illinois	Nov. 14, 1975	1627
Hannah, George	Coulterville	Washington .	37	Illinois	Nov. 14, 1975	1628
Heine, Jack R	Pinckneyville	Perry	36 30	Illinois	Nov. 14, 1975 Nov. 14, 1975	1629 1630
Jebron, George A	Coulterville	Washington . Jackson	46	Illinois	Nov. 14, 1975 Nov. 14, 1975	1631
Luehr, Ray	Campbell	Wabash	24	Illinois	Nov. 14, 1975	1632
Cincebox, Chas. H	Dorchester	Macoupin	47	Illinois	Nov. 14, 1975	1633
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### STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRIC HOISTING ENGINEER—1975—(Concluded)

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Durbin, Gene Autry Evans, Richard J. Furlow, Ronald Lee Goodman, Fred A. Holcomb, James E. Kazenski, Frank E. McClanshan, Jack Marse, Bobbie Ondrey, David A. Riggs, Lloyd Earl Staples, Warren L. Veach, Bob S. Warhoover, Gene C. Whalen, Lawrence W.	Tuscola Princeton, Ind. Irving Sullivan (Ind.) Mt. Carmel Girard Owensville, Ind. Crossville Taylor Springs Shelburg (Ind.) Keensburg Coulterville Caseyville Virden.	Douglas	37 42 38 45 55 27 51 42 27 27 29 45 46 32	Illinois. Indiana Illinois. Indiana Alabama Illinois. Indiana Illinois. Indiana Illinois. Indiana Illinois Illinois. Illinois. Illinois. Illinois. Illinois.	Nov. 14, 1975 Nov. 14, 1975	1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646

### STATE MINING BOARD CERTIFICATES ISSUED FOR STATE MINE INSPECTOR—METAL MINES—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Cornell, Archie	Elizabethtown Cave-In-Rock Elizabethtown	Hardin Hardin Hardin	48 37 31 32	Illinois	April 29, 1975	18 19 20 21

### STATE MINING BOARD CERTIFICATES ISSUED FOR METAL MINE FOREMAN—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Belt, John L. Cowsert, Earl Gene Davidson, Roy H. Dutton, Randall O. Hobbs, William R.	Golconda Rosiclare Herod Cave-In-Rock Golconda	Pope	52 24 32 37 27	Illinois	Nov. 3, 1975	98 99 100 101 102

### STATE MINING BOARD CERTIFICATES ISSUED FOR METAL MINE—ELECTRICAL HOISTING ENGINEER—1975

Name	Post Office	County	Age	Birthplace	Date of examination	No. of certificate
Cowsert, Earl G	Rosiclare	Hardin Hardin Hardin Pope Hardin	24 45 47 32 51	Illinois. Indiana Illinois. Illinois. Miss.	April 28, 1975	91 92 93 94 95
Dunagan, Warden L	Marion, Ky	Crittneten, Ky.	33	Arkansas	Nov. 3, 1975	1587

### Explosive Division

### GENERAL DESCRIPTION EXPLOSIVES DIVISION

### DEPARTMENT OF MINES & MINERALS

The Department, in July 1971, established the Explosives Division as a result of the State Legislature passing Senate Bill No. 44, known as the Explosives Licensing Act. Such Act supplemented an Act which had been administered by the Department since July 12, 1939 dealing with the manufacture, possession, storage, transportation, use, sale and gift of explosives. Headquarters for this section was established at the Mine Rescue Station and Analytical Laboratory Building located at 503 East Main Street, Benton, Illinois.

Licensing provisions of the original explosives act dealt with explosive storage magazines. Provisions of the 1971 act dealt with licensing of individuals who wish to use or possess explosives. The statutes call for applicant interview, examination, etc. There were 904-1975 Certificates issued for explosives storage and 399 explosive licenses (82 new & 317 renewals) issued to individuals in 1975.

Three explosive inspectors and an explosive inspector-supervisor constitute the Division field personnel. In addition to those inspections performed in conjunction with the licensing procedure described above inspections are made at the following places to insure compliance with the law; all explosive dealers and A N F O manufacturing plants. Investigations are also performed in connection with complaints against explosive users. Investigations include advising both the complainant and the accused of the findings and making suggestive recommendations for appeasement or further pursuit of the matter.

Explosives safety training classes were begun in June of 1974 and were held throughout the coal mining field during 1975. Funding assistance from MESA, in conjunction with other reimburseable training expenses was provided.

### DEPARTMENT OF MINES AND MINERALS

### **EXPLOSIVES DIVISION**

### Employees

Safety Engineer Donald C. Simpson

R. R. 2

Benton, Illinois 62812

Explosives Inspector-

Supervisor

Robert Anderson 2917 Dale Avenue

Granite City, Illinois 62040

Explosive Inspector

James Storey Box 23

Whittington, Illinois 62897

**Explosive Inspector** 

Lester W. Glynn 58 Second Street LaSalle, Illinois 61301

Explosive Inspector

Donald Hafliger 421 East Esther

Taylorville, Illinois 62568

Clerk Typist I

Bette B. Reynolds 605 North Ward Street Benton, Illinois 62812

### CERTIFICATES OF COMPLIANCE—EXPLOSIVES

Post Office		Location of Magazine	Magazine						
Dix         Juffleson         300         1001         15.00           Clay-City         Clay-City         200         1002         15.00         1002           Clay-City         Clay-City         200         1002         15.00         1006           Clay-City         Longsome         200         1003         15.00         1006           Clay-City         Longsome         200         1003         15.00         1006           Clay-City         Longsome         200         1003         1003         1006           Clay-City         Longsome         200         1003         1006         1006           Morris         Morris         Morris         1000         1014         1000         1016           Marion         Morris         Morris         1000         1017         1000         1017           Marion         Morris         Effraghan         1500         1022         1000         1012           Morris         Effraghan         1000         1022         1000         1022         1000         1012           Morris         Effraghan         1000         1022         1000         1022         1000         1012 <tr< th=""><th>Name</th><th>Post Office</th><th>County</th><th>Pounds of Explosives</th><th>Certifi- cate Number</th><th>Fee Collected</th><th>Number of Blasting Caps</th><th>Certifi- cate Number</th><th>Fee Collected</th></tr<>	Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fee Collected	Number of Blasting Caps	Certifi- cate Number	Fee Collected
rich         Code         80         1002         15.00         1002           chey Olfy         Loby         20,000         1002         15.00         1000         1000           chey Olfy         Loby         20,000         1007         15.00         1000         1000           chey Olfy         Loby         1000         1000         1000         1000         1000         1000           chey Olfy         Loby         1000         1001         1000 <td>George F. Yocum Casing Pulling Company</td> <td>Dix</td> <td>Jefferson</td> <td>300</td> <td>1001</td> <td>15.00</td> <td>:::</td> <td>:</td> <td></td>	George F. Yocum Casing Pulling Company	Dix	Jefferson	300	1001	15.00	:::	:	
Cypress         Jansselle         20,000         1005         5,00         1006           Cypress         Jahrsselle         20,000         1007         15,00         5,000         1006           Coffreen         Wangsomen         4,000         1011         15,00         5,000         1010           Coffreen         Lingston         4,000         1011         15,00         5,000         1010           Refrided         Words         1,000         1011         15,00         20,00         1016           Refrided         Words         1,000         1011         15,00         20,00         1016           Meerdood         Winneleage         1,000         1018         15,00         1016           Refrided         Winneleage         15,00         1022         15,00         1022           Refriged         Winneleage         15,00         1022         15,00         1022           Refriged         Winneleage         15,00         1022         15,00         1022           Refriged         Winneleage         15,00         1022         1022         1022           Refriged         Winneleage         15,00         1022         1000         1022	Bangert Casing Pulling Corporation	Clay City	Clay	808	1003	15.00	2009	1001	15.00
Griffield         Wayne         50         1009         15.00         6.00           Griffield         Monrigan         100         15.00         2.00         1012           Reinwood         Lowingston         15.00         1014         15.00         1017           Merdoda         Monria         15.00         1016         15.00         1017           Merdoda         Mongan         1,000         1016         15.00         1017           Rockford         Winnebago         15.00         1027         15.00         1022           Reckford         Winnebago         15.00         1022         2000         1022           Effrequen         Effrequen         200         1022         200         1022           Effrequen         Effrequen         1000         1021         15.00         1022           Effrequen         Effrequen         200         1022         200         1022           Effrequen         50.00         1022         1000         1022         1000         1022           Effrequen         50.00         1022         1000         1022         1000         1022           Effrequen         50.00         1022	Bellrose Silica CompanyThe Charles Stone Company	Ottawa	LaSalle	20,000	1005	15.00	5,000	1006	15.00
Content	Friend Well Surveys.	Fairfield	Wayne	36.0	1009	15.00	988	0101	15.00
Normalian         Entitury         Liningson         615,000         1014         5,00         1015           Marion         Morris         Morris         615,000         1016         40,000         1017           Marion         Marion         1,000         102         20,000         1018           Reckford         Virnnebago         1,500         102         1000         1022           Reckford         Virnnebago         1,500         102         2,000         1022           Effingham         Effingham         2,50         102         1,000         1022           Anackford         Effingham         2,50         102         1,000         1022           Effingham         Effingham         2,00         102         1,000         102           Anackford         Efficient	Consolidation Coal Company Midwest South Inc.	Glenwood	Cook	90°,	1013	9.65	2,000	7101	15.00
Mixed Gale         More Gale         <	Howard Arnold Construction, Inc.	Fairbury	Livingston	15,000	1014	15.00	10,000	1015	15.00
Reckford   Justaceson   1,000   1019   15,000   1020   1	A. B. Christman Fertilizer Company	Meredosia	Morgan	200,00	2 :	9	200	1018	15.00
Control	Gentral State Mining, Inc.	Marion	Jackson	15,000	1019	15.00	2,000	1020 1022	15.00
Edwywlie         Erwands         250         1024         15 00         900         1025           Effingham         200         100         100         100         100         100           Abaser         50 Clair         4,000         100         100         100           Abaser         50 Clair         6,000         100         100           Abaser         50 Clair         100         100         100           Abaser         50 Clair         100         100         100           Christer         100         100         100 <t< td=""><td>Gregory-Anderson Company</td><td>Rockford</td><td>Winnebago</td><td></td><td></td><td></td><td>2,000</td><td>1023</td><td>15.00</td></t<>	Gregory-Anderson Company	Rockford	Winnebago				2,000	1023	15.00
First St. Lauis   St. Clien   1,000   1028   15,000   1029   15,000   1029   15,000   1029   15,000   1029   15,000   1029   15,000   1029   15,000   1029   15,000   1029   15,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000   1029   12,000	Grayville Casing Pulling & Supply Company	Grayville	Edwards	250	1024	15.00	000	1025	15.00
Alamientsburg	FS Services, Inc.	East St. Louis	St. Clair	1,000	1028	15.00	1,000	1029	15.00
Authority   School	Dravo-Groves-Newberg	Hamlettsburg	Pope	40,000	1030	15.00	5,000	1031	15.00
Annae         Union         20,000         1035         15,00         10,000           Chester         Union         10,000         1037         15,00         10,000           Carthage         Felton         40,000         1039         15,00         10,000           Carthage         Felton         10,000         1034         40,00         10,000           Cochester         Henrock         20,000         1044         10,000         10,000           Cochester         Henrock         20,000         1044         10,000         10,000           Cochester         Michon         10,000         10,000         10,000         10,000           Modernik         Such         10,000         10,000         10,000         10,000           Modernik         Henry         2,000         10,601         10,000         10,601           Salem         Henry         50,000         10,602         10,000         10,601           Moline         Henry         50,000         10,602         10,600         10,601           Moline         Julian         20,000         10,602         10,600         10,601           Moline         Julian         20,000         1	Relleville Hardware Company	Belleville	St. Clair	200	1034	15.00	2001	3 :	3
Contraster	Anna Quarries, Inc.	Anna	Union	20,000	1035	15.00	10,000	1036	15.00
Cathringe Herrord 20,000 1043 15.00 1042  Cathringe Herrord 20,000 1043 15.00 1044  Modeward Herry 18,000 1045 15.00 1044  Modeward Herry 18,000 1045 15.00 1046  Modeward Herry 20,000 1055 15.00 1055  Modeward Herry 20,000 1055 15.00 1055  Salem National Renderson 20,000 1055 15.00 1056  Modeward Herry 20,000 1055 15.00 1056  Salem National Renderson 20,000 1055 15.00 1056  Modeward Herry 20,000 1055 15.00 1056  Salem National Renderson 20,000 1055 15.00 1056  Modeward Herry 20,000 1055 15.00 1056  Modeward Herry 20,000 1055 15.00 1056  Salem National Linguistic 20,000 1057 15.00 1056  Salem Linguistic 10,000 1077 15.00 1056  Salem Linguistic 10,000 1077 15.00 1056  Cave in Rock Heardin 40,000 1077 15.00 1050  Cave in Rock Heardin 40,000 1077 15.00 1050  Cave in Rock Heardin 40,000 1077 15.00 1050  Cave in Rock Heardin 20,000 1077 15.00 10,000 1077  Cave in Rock Heardin 20,000 1077 15.00 10,000 1077	Chester Quarry Company	Chester	Randolph	10,000	1037	15.00	20,000	1040	15.00
Conclusionary McChrough 20,000 1044 15.00 1044 16.00 10	Colchester Stone Company	Carthage	Hancock	12,000	1041	15.00	1,000	1042	15.00
Montervalue   March   18 0000   1097   15 000   4 0000   1085	Colchester Stone Company	Colchester	McDonough	20,000	1043	15.00	1 600	1044	15.00
Carrier Mills   Salier   800   1049   15.00   1050	Central Illinois Stone Company, Inc.	Nokomis	Montgomery	18,000	1047	15.00	4,000	1048	15.00
Modes         States         States         Commission	Brown Brothers Excavating	Carrier Mills	Saline	008	1049	15.00	1,500	1050	15.00
Moline Henry 50,000 1055 40,00 1055 50,0	Central Limestone Company	Morris	Kendall	20,000	1053	9.6	20,000	1052	15.00
Sileting	Cleveland Quarry, Inc.	Moline	Henry	50,000	1055	40.00	25,000	1056	15.00
Motive   Mock Island   Mocker   Mock Island   Mocker	Vern E. Alecock	Salem	Washington	2,000 19,990	1059	15.00	20,000	1060	15.00
Walkowille         Deck station         2000         1062         1000         1065           s.         Streator         Vinidiarson         560         1066         15.00         1066           s.         Streator         Livingston         200         1066         15.00         1069           Troy Grove         Livingston         200         1077         1069         1077           Cave In Rock         Hadrin         40,000         1077         40.00         1077           Gave In Rock         Padrin         40,000         1077         40.00         1078           Gave In Rock         Padrin         20,000         1077         40.00         1078           Hadrin         20,000         1077         40.00         1078         40.00         1078           Gave In Rock         Padrin         20,000         1077         40.00         10.00         1080	The Eureka Company.	Bloomington	McLean	.000	1000		5,000	1061	15.00
s.         Marienn         Willenson         500         1066         15.00         5.000         1067           s.         Streator         Livingston         200         1068         15.00         2000         1067           Toy Grove         Livingston         10,000         1077         10,000         1077           Cave In Rock         Hadrin         40,000         1077         40,00         1077           Cave In Rock         Paper         40,000         1077         40,00         1078           Cave In Rock         Paper         50,000         1077         40,00         10,000         1078           Cave In Rock         Paper         20,000         1077         40,00         10,000         1078           Cave In Rock         Hadrin         20,000         1077         40,00         10,000         1080	Freeman Coal Mining Corporation	Waltonville	Jefferson	800	1064	15.00	2,000	1065	15.00
S. Stream         Linging         Low         Control         Linging           S. Stream         Link         10,000         1077         1500         1077           Cave in Rock         Hardin         40,000         1077         40.00         1074           Cave in Rock         Hardin         40,000         1077         40.00         1077           Cave in Rock         Paper         50,000         1077         40.00         1070           Cave in Rock         Paper         20,000         1077         40.00         10.000           Cave in Rock         Hardin         20,000         1077         40.00         10.000	Freeman Coal Mining Corporation	Marion	Williamson	200	1066	15.00	2,000	1067	15.00
Top Grove         LaSsile         10,000         1077         15,00         500         1072           Cave in Rock         Hadrin         40,000         1073         40,00         1076           Cave in Rock         Hadrin         40,000         1077         40,00         1076           Hard         Poppe         50,000         1077         40,00         1078           Gave in Rock         Hadrin         20,000         1077         40,00         1078           Hadrin         20,000         1079         15,00         10,000         1089	Borden, Inc. Chemical Division/Smith-Douglas.	Streator	Livingston	3 :	2 :	9 :	10,000	1070	15.00
Cave in Rock Hardin 40,000 1075 40,000 1076 1076 10,000 1078	Manley Brothers, Incop. of Indiana Silica Div	Troy Grove	LaSalle	10,000	1071	15.00	20 200	1072	15.00
Herod Pope 50,000 1077 40,00 10,000 1080 Cave In Rock Hardin 20,000 1079 115.00 1080 1080	Minerva Oil Co., Spivey Mine	Cave In Rock	Hardin	40,000	1075	40.00	10,000	1076	15.00
	Minerva Oil Co., Gaskins Mine Minerva Oil Co., Crystal Mine	Cave In Rock	Pope	20,000	1079	15.00	10,000	1080	15.00

	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fae Collected	Number of Blasting Caps	Cartifi- cate Number	Fee
Amax Coal Company-Leahy Mine	Willisville	Perry	20,000	1081	\$15.00	15,000	1082	\$15.00
Austin Powder Company	Marion	Williamson	300,000	280	\$50.00	1.000.000	1085	\$15.00
Austin Powder Company	Marion	Williamson	300,000	1086	\$50.00		:	:
Austin Powder Company	Marion	Williamson	300,000	1087	\$50.00	:	:	:
Austin Powder Company	Marion	Williamson	300,000	880	\$50.00	:	:	:
Austin Powder Company	Breeze	Clinton	15,000	060	\$15.00	2009	1001	\$15.00
East St. Louis Stone Company	Belleville	St. Clair	30,000	1092	\$40.00	10,000	1093	\$15.00
Illinois Quarry Company	Ava	Jackson	80,000	400	\$40.00	00,00	1095	\$15.00
lola Stone & Material Company, Inc.	Salem	Manard	19,900	986	\$15.00	0000	601	\$15.00
Lacey & Bauer Quarry	Pearl	Pike.	10,000	1100	\$15.00	2,000	1011	\$15.00
Godfrey Reloading & Sports Supply, Inc.	Brighton	Jersey	800	1102	\$15.00	:	:	:
Godfrey Reloading & Sports Supply, Inc	Brighton	Jersey	S	1103	\$15.00			
Allied Stone Company	Milan	Rock Island	20,000	4 5	\$40.00	25,000	136	\$15.00
Long Rock Corporation	Princeville	Peoria	30,000	925	\$40.00	2,000	)OL1	\$ 19.00
Midland Cool Communication	Tringli	Madison	200	900	\$15.00	2 000	1110	\$15.00
Mississippi I ma Company	Alton	Madison	40.000	12	\$40.00	2001		
Mississippi Lime Company	Alton	Madison	20,000	1112	\$40.00	15,000	1113	\$15.00
Cecil Newman Contractors	Kewanee	Henry	2,000	1114	\$15.00	1,000	1115	\$15.00
Hubert Ballard	McLeansboro	Hamilton	200	1116	\$15.00	000,1	) 	\$15.00
Basic Baltistics.	Alton	Madison	000,61	2 5	\$15.00	1000	1120	\$15.00
Hinois Casing Pulling Company	Gravoille	Fdwards	360	121	\$15.00	000	1122	\$15.00
Elmer Larson, Inc.	DeKalb	DeKalb	20,000	1123	\$15.00	2,000	1124	\$15.00
Monmouth Stone Company	Monmouth	Warren	20,000	1125	\$15.00	2,000	1126	\$15.00
Morada Bara & Associates Inc.	Louisville.	Clay.	200	1127	\$15.00	2 000	1129	\$15.00
Noroyle-Bera & Associates, Inc.	Rock Island	Rock Island	10,000	138	\$15.00	3,000	1131	\$15.00
Peabody Coal Company, Mine #10.	Pawnee	Christian	1,000	1132	\$15.00	10,000	1133	\$15.00
Explosives, Inc.	Pittsfield	Pike	300,000	1134	\$50.00	:	:	:
Explosives, Inc.	Pittsfield	Pike.	300,000	1135	\$50.00	1,000,000	1137	\$15.00
Explosives, Inc.	Pirtefield	Pike	00,08	138	\$40.00	200,000	1139	\$15.00
Jim's Sporting Goods	Carbondale	Jackson	20	1140	\$15.00		:	:::::::::::::::::::::::::::::::::::::::
E. I. Du Pont de Nemours & Company	Marion	Williamson	300,000	1141	\$50.00	:	::	:
E. I. Du Pont de Nemours & Company	Marion	Williamson	300,000	1142	\$50.00	:	:	:
E. I. Du Pont de Nemours & Company	Marion	Williamson	300,000	34	\$50.00	:	:	:
E. I. Du Pont de Nemours & Company	Marion	Williamson	300,000	1145	\$50.00		: :	
E.I. Du Port de Nemours & Company	Marion	Williamson	300,000	1146	\$50.00	:	:	:
E. I. Du Pont de Nemours & Company	Marion	Williamson	300,000	1147	\$50.00	-		

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1148	2 5	150	1152	1153	2 12	1156	1157	138	1160	1161	1162	1164	1165	1166	1168	1170	1174	1176	1178	88	185	1186	88	1192	1 2	1198	1200	1203	1206	1208	1210	1212	1215	1216	1217	1218	1220 1220	1222	1224
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Williamson	Moulter		Peoria	Macoupin	Macon	Union	Montgomery	Alexander	Menard	Kankakee	St. Clair	Perry	Williamson	Saline	Kankakee	Madison	Jo Daviess	9	e	Lee	Grundy	Grundy	Grundy	Grundy															
Marion	Mamilton	Sullivan	Hillside	Edwards	Hillside	Moline	Jonesboro	Nokomis	Elco	Athens	Kankakee	National City	DuQuoin	Carbondale	Hillside Harrishurd	Manteno	Godfrey	Ambov	Ambov	Amboy	Amboy	Seneca	Seneca	Saneca	Seneca														
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	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fee Collected	Number of Blasting Caps	Certifi- cate Number	Fee Collected
E. I. Du Pont de Nemours # Company Basen Surveys, Inc.	Seneca	Grundy	300,000	1225 1226	\$50.00 \$15.00		1227	\$15.00
A. C. Pioneer Gun Supplies	Crossville	White	250 100	827 622	\$15.00	: 26	1230	\$15.00
Johnson's Construction. Ocoya Stone Company, Inc.	Woodhull	Henry	20,000	1233	\$15.00	2,000	1232	\$15.00
Old Ben Coal Company, Mine No. 21	Sesser Cave-In-Rock	Franklin Hardin	34,000	1235	\$15.00 \$40.00	20,000	1236 1238	\$15.00 \$15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	: :	::		15,000	1239 1240	\$15.00 \$15.00
Ozark-Mahoning Company	Cave-In-Rock	Hardin	20,000	1241	\$15.00	15,000	1242	\$15.00
Ozark-Mahoning Company	Rosiclare	Pope	36,000	1245	\$15.00	15,000	1245	\$15.00
Ozark-Mahoning Company	Rosiclare	Hardin	36,000	1247	\$15.00	15,000	1248	\$15.00
Peabody Coal Company - Will Scarlet Mine	Stonefort	Saline	0000	1249	\$15.00	10,000	1251	\$15.00
Peabody Coal Company - Eagle Surface Mine	New Shawneetown.	Gallatin	20,000	1252	\$15.00	20,000	1253	\$15.00
Peabody Coal Company - Eagle Surface Mine.	Ashley.	Washington	10,000	1255	\$15.00	000,8	1256	\$15.00
Reliance Quarry, Inc.	Alton.	Madison	19,800	1257	\$15.00	000,000	1258	\$15.00
Nigsoy & Barnard Quarry, Inc.	Canton	Fulton	20,000	1261	\$15.00	00,04	1262	\$15.00
The United Electric Coal Companies.	Canton	Fulton	35,000	1263	\$40.00	40.000	1265	\$15.00
Wagner Stone Company	Pontiac	Livingston	20,000	1266	\$15.00	2,000	1267	\$15.00
Winter Stone Quarry Marquette Cement Mfg., Company	Altamont	LaSalle	000009	1270	\$15.00	25,000	1277	\$15.00 \$15.00
Charleston Stone Company	Charleston	Coles	30,000	1272	\$40.00	20,000	1273	\$15.00
Moline Consumers Company	Albany	Whiteside	10,000	1276	\$15.00	25,000	1277	\$15.00
Calcium Carbonate Co.	Quincy	Adams	20,000	1278	\$15.00	90,000	1279	\$15.00 \$15.00
Material Service, Division of General Dynamics	Fairmount	Vermilion	000,01	1281	\$15.00	35,000	1283	\$15.00
Material Service, Division of General Dynamics.	Lyons	Cook	4,000	1287	\$15.00	25,000	1285	\$15.00
Material Service, Division of General Dynamics.	McCook	Cook	2,500	1286	\$15.00 \$15.00		: :	
Material Service, Division of General Dynamics.	McCook	Soo.	2,000	1288	\$15.00	25,000	1289	\$15.00
Material Service, Division of General Dynamics.	Thornton	200 C	20,000	1291	\$40.00	4,000	1292	\$15.00
Material Service, Division of General Dynamics.	Lockport	Will	50,000	1294	\$40.00	25,000	S67 :	90.61*
Material Service, Division of General Dynamics	Lockport	Will	20,000	1295	\$40.00	:	:	:

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	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fee Collected	Number of Blasting Caps	Certifi- cate Number	Fee
Streator Brick Systems, Inc.	Streator	LaSalle	1,200	1384	\$15.00	300	1385	\$15.00
Valley View Dirt & Gravel Company	Cornell	Livingston	2,000	388	\$15.00	10.000	1389	\$15.00
Southeastern Illinois Electric Co-op Inc.	Eldorado	Saline		1		200	1390	\$15.00
Mercer County Stone & Coal Company	Viola	Mercer	4,000	1391	\$15.00	920	1392	\$15.00
Nedron Silica Division Del Monte Properties Co.	Wedron.	LaSalle	20,000	1393	\$15.00	10,000	1394	\$15.00
Olin Corporation	East Alton	Madison	20,00	1395	\$15.00	:	:	:
Olin Corporation	East Alton	Madison	200,0	330	\$ 15.00 \$ 15.00	:	:	:
Olin Corporation	East Alton	Madison	000	139/	915.00	:	:	:
Olin Corporation	East Alton	Madison	000	1399	\$15.00		: :	
Ulin Corporation	Fast Alton	Madison	000	1400	\$15.00			
Olin Corporation	East Alton	Madison	2,000	1401	\$15.00	:	:::	:
Olin Corporation	East Alton	Madison	2,000	1402	\$15.00	:	:	:
Olin Corporation	East Alton	Madison	2,000	1403	\$15.00	:	:	:
n Corporation	East Alton	Madison	2,000	1404	\$15.00	:	:	:
n Corporation	East Alton	Madison	00,4	1405	\$15.00	:	:	:
Dlin Corporation	East Alton	Madison	000,02	1407	\$40.00		: :	
Lorporation	Fact Alton	Madison	2000	1408	\$40.00			
Din Corporation	East Alton	Madison	300,000	1409	\$50.00	:	:::	:
Corporation	East Alton	Madison	20,000	1410	\$40.00	:	:	:
Olin Corporation	East Alton	Madison	000'09	1411	\$40.00	:	:	:
Olin Corporation	East Alton	Madison	30,000	1412	\$40.00	:	:	
Din Corporation	East Alton	Madison	000	1412	\$40.00		: :	
Din Comparation	Fast Alton	Madison	100,000	1415	\$40.00		:	-
Olin Comoration	East Alton	Madison	175,000	1416	\$50.00	:	:	:
Olin Corporation	East Alton	Madison	300,000	1417	\$50.00	::	:	:
Olin Corporation	East Alton	Madison	70,000	1418	\$40.00	:	:	:
Ilin Corporation	East Alton	Madison	25,000	1419	\$40.00	:	:	:
Nin Corporation	East Alton	Madison	300,000	1420	\$30.00	:	:	
Jin Corporation	East Alton	Madison	200,000	1422	\$50.00	:	: :	
Jin Corporation	Fact Alton	Madison	125,000	1423	\$50.00		: :	
lin Corporation	East Alton	Madison	85,000	1424	\$40.00	:	:	:
Olin Corporation	East Alton	Madison	175,000	1425	\$50.00	:	:	:
Olin Corporation	East Alton	Madison	150,000	1426	\$50.00	:	:	:
Olin Corporation	East Alton	Madison	85,000	1427	\$40.00	:	:	:
Nin Corporation	East Alton	Madison	35,000	1428	\$40.00	:	:	:
Olin Corporation	East Alton	Madison	000	1429	15.00	:	: :	
Ullin Corporation	East Alton	Madison	25,000	153	\$40,00			:
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Madison	Medicon	Madison	Madison	Madison	Madison	Madison	Madison	Madison	Dishland	Dishland	McTigard	VVnite	LaSalle	LaSalle	LaSalle	LaSalle	LaSaile	LaSaile	LaSalle	Will	N.	Percy	0212	Ogle	Ogle	Peoria	Madison	Cook	lobason	Williameon	Calino		Edwards	Callatin	Alexander	Clark	Clark	randoiph	Greene	Greene	Hardin	Hardin	Sangamon	McDonough	St. Clair	St. Clair	St. Clair	St. Clair	St. Clair	Fulton	Adams	Grundy	Macoupin	Montgomery
East Alton	Cast Alton	East Alton	Fact Alton	Fact Alton	East Alton	Fact Alten	East Alter	Ostland	Olavigila	Olice		Carmin Carmin	Loy Grove	Peru	Peru	Peru	Peru	Peru	Peru	Elmhurst	Plainfield	Willisville	Doohalla	Rochelle	Hochelle	Bellevue	Granite City	Chicago Heights	Rincombe	Marion	Harrishura	- Carried A	Grayville	Shawneetown	lamms	Casey	Casey	Larcy	Kane		Cave-In-Rock	Cave-in-Hock	Springfield	l ennessee	Dupo	Dupo	Freeburg	New Athens	New Athens	Ellisville	Payson	Morris	Carlinville	Litchfield
Olin Corporation Dilli Corporation	Olin Corporation	pration	Olio Corporation	pration	Olin Corporation	Olin Corporation	Olin Corporation	instance & Con	Orecon Atles-Div of Orecon Industrian Ind	Present Atlas-Div. of Drassar Industrias Inc.	Control Character Industries, mississings, m	Unitries Electric Company, Inc.	e Stone Quarry, Inc.	Westclox, Div. of General Time Corporation	Westclox, Div. of General Lime Corporation	Westclox, Div. of General Time Corporation	Elmhurst-Chicago Stone Company, Corporation	Chicago Stone Company, Corporation	Southwestern Illinois Coal Corporation	C Dourder Div of Commercial Solvente Corporation	Tolan-U. S. Fowder, Div. of Commercial Solvents Corporation.	5. Powder, DIV. of Commercial Solvents Corporation	Peoria County Highway Department	erry M. Bristol	JSS Agri Chemicals.		F B Coal Company	Coal Company	The Molecus Company Cosing Dulling Diships	Deshody Coal Company Casing Fulling Division	Cal Company, Eagle #2 Millie	Abiah Chan Onemiene of Monteur Manager	which Change Operations of Western Waterials	Southwestern Illinois Coal Consoliding	Terri Illinois Coal Colporation	Martin Valstad Quarries	The Court of the C	wissouri Portiand Cement Company	Missouri Portiand Cement Company	Sportsman Center	viccinre Quarries, Inc.	he Casper Stolle Quarry & Contracting Company	he Casper Stolle Quarry & Contracting Company	Peabody Coal Company	eabody Coal Company.	Peabody Coal Company	d B Sport Shop.	Atlas Powder Company	Atlas Powder Company	Nonterey Coal Company	loe Libbra			

	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fae Collected	Number of Blasting Caps	Certifi- cate Number	Fee Collected
Midland Coal Company Francis A. Zakowski	Wyoming	Stark	20,000	1516	\$15.00	3,000	1517 1519	\$15.00
Lyle Stone Casing Pulling. Trojan-U. S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Crawford	200,000	1520	\$15.00	04 :	1521	\$15.00
Trojan-U. S. Powder, Div. of Commercial Solvents Corporation Trojan-U. S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000 150,000	1524	\$50.00	::	: :	: :
Trajan-U. S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Union	200,000	1526	\$50.00	:	:	:
Trojan-U. S. Powder, Div. of Commercial Solvents Corporation	Wolf Lake	Onion	150,000	1528	\$50.00	100,000	1529	\$15.00
Toyan-O. S. Poweder, Drv. of Commercial Solvents Corporation.  Texas Plugging, Inc.	West Salem	Edwards	.009	:531	\$15.00	000,1	1532	\$15.00 \$15.00
Graff Brothers Jerry Noble	Ava	Jackson	000,	55 55 55	\$15.00 \$15.00	2,000	1534	\$15.00 \$15.00
Lebanon Chemical Corporation	Tilton	Vermilion.	2,000	1537	\$15.00	5,000	1538	\$15.00
Nedusa Cement Company.	Dixon	White	40,000	1540	\$40.00	10.000	15 15 15 15 15 15 15 15 15 15 15 15 15 1	\$15.00
Commercial Solvants Corporation	Carterville	Williamson	300,000	1542	\$50.00			
V. H. Callender Construction	Vallev Cirv	Pike	20,000	8 <u>1</u>	\$15.00	000,10	4 2	\$15.00
V. H. Callender Construction	New Hartford	Pike.	:::::::::::::::::::::::::::::::::::::::	? :	:	2,000	154	\$15.00
Thomas Quarry, Inc.	Winchester	Scott	20,000	1548	\$15.00	1,000	1549	\$15.00
Denny & Simpson Stone Company, Inc.	Harrisburg	Hardin	2,000	1551	\$15.00	5,000	1552	\$15.00
World Fireworks Display Company	Danville	Vermilion	2,000	1553	\$15.00	:	:	:
World Fireworks Display Company.	Danville	Vermilion	3,000	1555	\$15.00		: :	
World Fireworks Display Company.	Danville	Vermilion	3,000	1556	\$15.00	:	:	:
World Fireworks Display Company.	Darville	Vermilion.	000	1558	\$15.00		::	: :
World Fireworks Display Company.	Danville	Vermilion	3,000	1559	\$15.00	:	:	:
World Fireworks Display Company	Danville	Vermilion	3,000	1560	\$15.00	:	:	:
World Fireworks Display Company.	Danville	Vermilion.	3,000	1562	\$15.00	: :	: :	: :
World Fireworks Display Company.	Danville	Vermilion	3,000	1563	\$15.00	:::	::	
World Fireworks Display Company	Darville	Vermilion	000,5	1565	\$15.00	:	:	:
World Fireworks Display Company.	Danville	Vermilion	2,000	1566	\$15.00	: :	: :	: :
World Fireworks Display Company World Fireworks Display Company	Danville	Vermilion	000,4	1567	\$15.00	:	:	:
Chenoa Stone Company	Chenoa	Livingston	000,01	1569	\$15.00	: :	: :	: :
Chenoa Stone Company	Chenoa	Livingston	10,000	1570	\$15.00	1,500	1571	\$15.00
Birdwell, Div. of Seismograph Service Corp	Olney	Richland	920	1574	\$15.00		-	

Wildlife Materials, Inc. Wildlife Materials, Inc. United Genthysisal Condition	Carbondale Crainville Metropolis	Jackson. Williamson Massac	10,000	1575 1577 1578	\$15.00 \$15.00 \$15.00	15,000	1576	\$15.00
Meyer Material Company.	Big Rock	Kane	20,000	1580	\$15.00	1 000	1582	\$15.00
Dooley Brothers, Inc.	Marion	Williamson	300,000	283	\$50.00			200
Dooley Brothers, Inc.	Pottstown	Peoria	000,08	1585	\$40.00			
Dooley Brothers, Inc.	Pottstown	Peoria	1586	1586	\$40.00	200,000	1587	\$15.00
Allied Chemical Corporation-Industrial Chemical Division	Prairie du Rocher	Randolph	30,000	1589	\$40.00	25,000	1590	\$15.00
Spencer/Righeimer, Inc.	Sullivan	Monttomery	20 000	1597	\$15.00	10 000	1593	\$15.00
E & L Coal Company	New Burnside	Johnson	2,000	1594	\$15.00	200	1595	\$15.00
Rockford Blacktop Construction Company	Rockton	Winnebago Boone	0000	586	\$15.00	2,000	1599	\$15.00
Rockford Blacktop Construction Company	Loves Park	Winnebago	2,000	1600	\$15.00	1,000	1601	\$15.00
Illinois State Geological Survey Specification Stone Company	Ohlman	Christian	3000	1604	\$40.00	00000	1605	\$15.00
Sievers Brothers Quarry, Inc.	Hardin	Jersey	4,000	1606	\$15.00	1,000	1607	\$15.00
Quality Stone Company, Inc.	Waterloo	Monroe	0000	1608	\$15.00	25,000	1609	\$15.00
Olin Corporation	Marion	Williamson	300,000	1611	\$50.00			4
Olin Corporation	Marion	Williamson	300,000	1612	\$50.00	:	:	
Olin Corporation	Marion	Williamson	300,000	1614	\$50.00			
Olin Corporation	Marion	Williamson	100,000	1615	\$40.00			
Olin Corporation	Crainville	Williamson	20,000	1616	\$50.00	:		:
Olin Corporation	Crainville	Williamson	20,000	1618	\$15.00	: :	: :	
Olin Corporation	Crainville	Williamson	100,000	1619	\$40.00			
Olin Corporation	Crainville	Williamson	300,000	1620	\$50.00	130,000	1621	\$15.00
Olin Corporation	Crainville	Williamson	300,000	1623	\$50.00		: :	
Olin Corporation	Crainville	Williamson	300,000	1624	\$50.00	:		
Olin Corporation	Crainville	Williamson	300,000	1626	\$50.00			
Olin Corporation	Crainville	Williamson	300,000	1627	\$50.00	4,000,000	1628	\$15.00
Olin Corporation Statz Quarry Inc.	Prairie du Rocher	Randolph	20.000	1630	\$15.00	20,000	1631	\$15.00
Tobey's Construction & Cartage, Inc.	Herscher	Kankakee	200	1632	\$15.00	200	1633	\$15.00
D & M Discount	Tuscola	Douglas	20	1635	\$15.00			
Swift Chemical Company.	Fairmont City	St. Clair	009	1636	\$15.00	009	1637	\$15.00
Valley Quarry.	St. Augustine	Warren	00000	1638	\$40.00	2,000	1639	\$15.00 \$15.00
Vulcan Materials Co., Midwest Division	Hodgkins	Cook	1,000	1642	\$15.00	3,000	1643	\$15.00
Vulcan Materials Co., Midwest Division	McCook	C00	20,000	164 164 164 164	\$15.00 \$15.00	15 000	1646	\$15.00
Commonwealth Edison Company	Waukegan	Lake	300	1647	\$15.00	300)	1648	\$15.00
Viola Materials, Inc. Wilson & Shioler. Inc.	South Beloit	Winnebago	15,000	1651	\$15.00 \$15.00	00004	1652	\$15.00
Propellex Corporation	Edwardsville	Madison	20,000	1653	\$15.00		:	
	- CONSTITUTION OF THE CONTRACT	- Income	20,000	5	8			

	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fee	Number of Blasting Caps	Certifi- cate Number	Fee Collected
Propellex Corporation	Edwardsville	Madison	20,000	1655	\$15.00	:	1	
Propellex Corporation	Edwardsville	Madison	2,000	1657	\$15.00	5,000	1658	\$15.00
Schlumberger Well Services	Watseka	Iroquois	88	1659 080	\$15.00	:	:	:
World Fireworks Display Co., Inc.	Marion	Williamson	100,000	198	\$40.00		: ::	: ::
Geology Department of Southern III. University	Marion	Sangamon		1662	\$15.00	200	1663 1665	\$15.00 \$15.00
Nakomis Quarry Company	Wenonah	Montgomery	20,000	1666	\$15.00	3,000	1667	\$15.00
Hubbard Irail Sports	Colona	Henry	38	999	\$15.00	:	:	:
C& M Gun Works	Milan	Rock Island	20,000	1670	\$15.00	: :		: :
C & M Gun Works	Moline	Hock Island	32	1671	\$15.00	2 000	1673	\$15.00
Galbraith Rock Products.	Media	Henderson	3,000,	1674	\$15.00	200	1675	\$15.00
Pryor Mt. Construction Co., Coal Co., Corp.	Sparta	Perry	2,000	1676	\$15.00	1,500	1677	\$15.00
Herbert I Stevenson	Ottawa	LaSalle	24,000	1680	\$40.00	000,000	6/91	915.00
Calhoun Quarry	Brussels	Calhoun	8,000	1681	\$15.00	009	1682	\$15.00
Gerson Electric Construction Company	Chicago	Cook	. :!	::	::	150	1683	\$15.00
The Edward Gray Coop.	Chicago	Cook	2000	1684	\$15.00	000,5	1685	\$15.00
Western Illinois Stone Company.	Quincy	Adams	20,000	889	\$15.00	000'6	<u>8</u> :	3
Western Illinois Stone Company.	Quincy	Adams	20,000	1689	\$15.00	5,000	1690	\$15.00
N. L. U'Neil & Sons, Inc.	Plymouth	Hardin	20,000	1691	\$15.00	9,000	1692	\$15.00
Richard Binns	Elizabeth	Jo Daviess.	<u></u>	1695	\$15.00	18	1696	\$15.00
Heidbreder Company	Marion	Williamson	3,000	1697	\$15.00	:	:	:
Illinois Rotary Drilling Corporation	Pontiac	livingston	36	1698	\$40.00	10.00	1200	\$15.00
Illinois Rotary Drilling Corporation.	Fairbury.	Livingston	30,000	1701	\$40.00	5,000	1702	\$15.00
Illinois Rotary Drilling Corporation.	Gillespie	McCoupin	9,000	1703	\$40.00	9,000	45	\$15.00
Illinois Rotary Drilling Corporation.	Monence	Kankakae	0000	202	\$15.00	000,6	90/-	\$15.00
Illinois Rotary Drilling Corporation.	Kankakee	Kankakee	20,000	1708	\$15.00	: :	: :	
Occidental Chemical Company.	Ashkum	Iroquois	:00	::		200	1709	\$15.00
Atlas Powder Company	Dixon	Lee	35,000	1710	\$40.00	200,000	E .	\$15.00
Atlas Powder Company	Galena	Jo Daviess.	100,000	1713	\$40.00	400,000	1714	\$15.00
Explosives Engineering Service, Inc.	Dixon	Lee	200,000	1715	\$50.00		:	:
Explosives Engineering Service, Inc.	Dixon	99	200,000	1717	\$50.00	100.000	1718	\$15.00
B & B Powder & Supplies	Monmouth	Warren	3,000	1719	\$15.00			
Coldinate Coldinate Company	Namark	Massac	700,000	07/1	00.014	20,000	7/1	90.01

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1722 1724 1727 1728 1739 1730	1732 1733 1736	1736 1737 1739 1740 1742	1743 1745 1746 1748	1749 1751 1752 1755	1757 1758 1760 1761	1763 1765 1766 1767 1768	1769 1770 1774 1776 1776 1778 1780 1782 1784 1784
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Keensburg Galena Melrose Park Osco Osco Osco Osco Osco Osco	Osco. Alton. Alton.	Alton Alton Alton Alton Alton	Alton. Alton. Mt. Prospect Ottawa Seneca	Seneca Milan Freeport Galena Rolling Meadows.	Carterville Carterville Carterville Carterville	Carterville Carterville Carterville Carterville Carterville Carterville Carterville	Canterville Carterville Forreston Calent Calent Calent Calent Bloomington Mew Holland Albers Granite City Marion Marion Marion
Tontier-Komper Construction  Outside Transhing Service  White City Electric Company  Mine City Electric Company  Seo Fileworks Inc.  Seo Fileworks Inc.	Sec Virtual Vision Section 20 Company Set W Ammunition Company	Very Manuarities Company S B W Ammunities Company	S & W. Ammunition Company W. W. Ammunition Company Maxon Shorens Supplies Matter State State State State E. L. Du Pont de Nemous & Company, Inc.	Lo broat de Namours & Company, Inc. The Old Teding Post. Miss Province Company Pighway Department Alles Powder Company Unit of General Time Corp. Space & Systems, Dr. or General Time Corp.	ommercial Soverit Corporation commercial Solverit Corporation	commercial Solvente Copporation commercial Solvente Copporation commercial Solvente Copporation commercial Solvente Copporation commercial Solvente Corporation	Commercial Solvents Corporation  A Kutz. Schoetts Corporation  A Kutz. Schoetts Corporation  Cheen Edward Construction Company, Inc.  Bridelacy Corporation  Stoomington Gun Company, Inc.  Stoomington Gun Company  Stoomington Stoomington  Stoomington Gun Company  Stoomington Company  Stoomington Company  July Corporation

	Location of Magazine	Magazine						
Name	Post Office	County	Pounds of Explosives	Certifi- cate Number	Fee Collected	Number of Blasting Caps	Certifi- cate Number	Fee Collected
Missouri Gravel Company	Florence	Pike.	20,000	1788	\$15.00	5,000	1789	\$15.00
American Structures, Inc.	Amboy	Lee	80,000	1792	\$40.00	20,000	1793	\$15.00
Powder Horn	St. Charles	Kane	28.5	1794	\$15.00	:	:	:
Shooten Shack Loitz Brothers, Construction Company	Plainfield	Will	2,000	1796	\$15.00	2,500	1797	\$15.00
Schuyler Stone Company.	Pleasant View	Schuyler	4,000	1798	\$15.00	000,	1799	\$15.00
World Fireworks Display Company, Inc.	Danville	Vermilion.	3,000	1801	\$15.00	3 :	3 :	2 :
World Fireworks Display Company, Inc.	Danville	Vermilion	000,6	1802	\$15.00	:	:	7
World Fireworks Display Company, Inc.	Danville	Vermilion.	3,000	1804	\$15.00			
World Fireworks Display Company, Inc.	Danville	Vermilion	3,000	1805	\$15.00	:	:	:
World Fireworks Display Company, Inc.	Danville	Vermilion	96	1802	\$15.00	: :	: :	::
World Fireworks Display Company, Inc.	Danville	Vermilion.	3,000	1808	\$15.00	: :		
World Fireworks Display Company, Inc.	Danville	Vermilion	3,000	1809	\$15.00	:	::	:::
World Fireworks Display Company, Inc.	Danville	Vermilion	3,000	1810	\$15.00	:	:	:
World Fireworks Display Company, Inc.	Danville	Vermilion	2,000	1812	\$15.00			: :
World Fireworks Display Company, Inc.	Danville	Vermilion	1,000	1813	\$15.00		:::	:
World Fireworks Display Company, Inc.	Danville	Vermilion	000,00	1814	\$15.00	:000	1016	:01:0
Mobil Oil Compation	Mt Vernon	lefferson	000,0	1817	\$15.00	2,00	1818	\$15.00
Gain & Burgener Well Survey.	Olney	Richland	26	1819	\$15.00	100	1820	\$15.00
Cold Water Coal Company	Energy	Williamson	00,0	1821	\$15.00	300	1822	\$15.00
Ingan-U.S. Powder	Lockbort	Will	65.000	1825	\$40.00	200	1024	913.00
Trojan-U. S. Powder.	Lockport	Will	65,000	1826	\$40.00		::	::
Perkinson Company.	Decatur	Macon		1828	615.00	88	1827	\$15.00
Zeni-McKenney-Williams Corporation	McLeansboro	Hamilton	000,61	1830	\$15.00	20000	1831	\$15.00
Trojan-U. S. Powder.	Carterville	Williamson	300,000	1832	\$50.00	: 0	1001	. 02:
Sugar Creek Quarries	Pleasant View	Schuvler	000,4	355	\$15.00	1,000	1836	\$15.00
Jader Fuel-Jader II Mine.	Carb Orchard	Williamson	2,000	1837	\$15.00	1,000	1838	\$15.00
Federal Landscaping Company, Inc.	Rosiclare	Handin	20,000	1839	\$15.00	2,000	1840	\$15.00
Crosby's Sport Shop	Aurora	Kane	300	1842	\$15.00		: :	
Persons Gun Repair	Eureka	Woodford	26.0	1843	\$15.00	:	:	:
Blue Island Gun Shop, Inc.	Blue Island	Cook	88	126	\$15.00			
Jack's Hunters' Supplies	Peoria	Peoria	28.0	1846	\$15.00	:	:	:
Lair Outdool Supplies	Tedelick	ocunyiel	8	È	9.61	:	:	

### EXPLOSIVE LICENSES ISSUED-1975

Year 4 Renewal Fee	(\$5.00) (\$5.00) (\$5.00) (No Fee)	(\$5.00)	(\$5.00)	(\$5.00)	\$5.00)	(\$5.00)	
Year 3 Renewal Fee	\$5.00 \$5.00 No Fee	\$5.00	\$5.00 \$5.00 Expired	\$5.00 \$5.00 (\$5.00) (\$5.00)	(\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00)	(\$5.00) (\$5.00) (\$5.00) (\$5.00)	(\$5.00) (\$5.00) (\$5.00)
Year 2 Renewal Fee	\$5.00 \$5.00 No Fee	\$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 Expired \$5.00	\$5.00 \$5.00 \$5.00 \$5.00
Year 1 Renewal Fee	\$5.00 \$5.00 No Fee	\$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 Expired	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 Expired	\$5.00 \$5.00 \$5.00 No Fee \$5.00 \$5.00 \$5.00	\$5.00 Expired \$5.00 Expired \$5.00 Expired \$5.00 \$5.00
Initial	\$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	\$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00
Current Expira- tion Date	11-5-76 11-5-76 11-5-75 11-5-76	11-10-76 11-16-72 11-16-76 11-19-76	11-23-76 11-29-76 12-9-74 12-9-72	12-20-76 12-27-76 1-3-76 1-3-76 1-3-76	1.3.76 1.3.76 1.3.76 1.5.76 1.7.76 1.7.17 1.1.17	1.25-73 1.25-73 1.25-73 1.24-74 1.31-77 1.31-73	2.2.73 2.9.75 2.9.75 2.9.76 2.9.76 2.9.76 2.9.76 2.9.76
County	Jackson Jefferson Jo Daviess Franklin Tazawall	Carroll Saline. Hardin	McDonough. Fulton.	Mercer Sangamon Perry	Effingham Effingham Logan Woodford Rock Island Marshall	Monroe Schuyler Macoupin Sangarnon LaSale Woodford	Cook Williamson Cook Edgar Grundy Pike Fulton Stark
Applicant's Address	Route #1 Ava, Illinois 62907 Route #1 Mt. Verno, Illinois 62907 424 South Man Street, Galeva, Illinois 6106 410 Bond Street, Berron, Illinois 6106 770 Maxer-born, Chris Marron, Illinois 61676	38 Park Street, Savanna, Illinois 6074. Galata, Illinois 6074. Galata, Illinois 6074. Cave-In-Rock, Illinois 63919. R.R.#S Box 209 Pinckerwille Illinois 6274. R.A.*S Rock, Illinois 62919.	Noute #1, Box 12, Tennessee, Illinois 62374 P. O. Box 57, Fainview, Illinois 61432. C. Clarinville, Illinois 62626. Route #2, Sparra, Illinois 62886.	Roure #2, New Boston, llimois 61272. R # #1 Dawson   llimois 65260 Box 106, Willisville, Illimois 62997 Roure #1, Delevan, limois 61794 Box 222, Dawres, llimois 6173.	415 Willard, Bloompinon, Illinois 67001 R. R. R. Box 108. Effiniçation, Illinois 62401 Route șt. Fox 30. Extentul Illinois 62501 R. Hilside, Illinois 61520 R. Hilside, Illinois 61520 R. Respective for service of the	Roun sugarious vortices (1845) Roune 3. Washadoo Illinos (1845) Roune 3. Washadoo Illinos (1845) Lintano, Illinos (1846) Roune 22. Box 11. Stanton, Illinois (2008) 22. Kinsava Drive, 25. Streman, Illinois (2008) Almont, Illinois (1846) Minnois (Illinois (1846) Roune 41. Kenpupo, Illinois	161 Farter, Les Planes, limose 60016  Bourt #2. Carterville, illnose 60016  9401 North Sumes, Apt. E., Des Plaines, lilnois 60016  Paris, limose 161944  1315, Armarenog Steek, Morris, limois 60450  Route #3. Pristated, lilnois 62643  Route #2. Havana limois 62644  Retaind, lilnois 61388  Route #3. Wyoming, Illnois 61491
Name of Applicant	Daniel D. Graff Vernon Eugene Scrivner Merle Louis Gaber James Robert Kolisek N/C	James Richard Kasbohm Harold Wayne Adams. Mose Franklin Frailey Eafl Dwayne Smith, Jr. William Harol William	Joseph Vanters Joseph White Cattron Gerald Paul Lippold James B. McBride	Kenneth W. Linder Dale Armour Patterson Paul K. Steele Ralph William Allen John Lawrence Donovan	Terry Carl Garbe George Philip Drumm. Wayne Richard Graff Elmer P. Meister Michael James Cumberworth Glaence Edward Pruett Hary Le Ray	william D. Addieman William D. Addieman Vox Rapp Lewis Moore William A. Campbell C. Dayton McFesken Donald D. Reagan Rowland Hem. Ucker	James Kenneth Masenheinrer Alrie Gagle Allie Gagle Banas Gordon Weston Earnest E. Zink. C. Edward Hoos C. Edward Hoos Anton John Rupe Anton John Rupe Roy Elmer Ehnle
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Applicant's Address	Hemepin, Illinois 61/227.  Hemepin, Illinois 61/227.  R. # A Balleyulia Illinois 61/288.  R. # J Loudille, Illinois 61/288.  R. # J Calera, Illinois 61/298.  B. # J Galera, Illinois 61/298.  B. # J Calera, Illinois 61/298.  B. # J Calera, Illinois 61/298.  B. # J Foreston, Illinois 62/297.  B. # J Town of the Carera of the Calera Illinois 61/298.  B. # J Devester, Illinois 62/298.  B. # J Owler Of Illinois 62/298.  B. # J Calera Illinois 62/298.  B. # J Calera Illinois 62/298.  B. # J Watson, Illinois 62/298.  B. # J Watson, Illinois 62/298.  B. # J Calera Illinois 62/298.  B. # J Ellinois Illinois 62/298.  B. # J Hardow, Illinois 62/298.  B. # J Ellinois Illinois 61/298.  B. # J Ellinois Ellinois Illinois 61/298.  B. # J Ellinois Ellinois Illinois 61/298.  B. # J Ellinois Ellinois Illinois 61/248.  B. # J Ellinois Ellinois Ellinois Illinois 61/248.  B. # J Ellinois Ellinois Illinois 61/248.  B. # J Ellinois Ellinois Ellinois Illinois 61/248.  B. # J Ellinois Elli
Name of Applicant	Raymond Edward Heifey, William St. Not steerer Gord III. Schoolsteer Gord III. Schoolsteer Gord III. Schoolsteer Medivine Thurston Hembel Louis C. Fester Harry Afrington Hembel Golyde L. Ishmeel Louis C. Fester Harry Afrington Hembel Golyde L. Ishmeel Louis C. Fester Harry Afrington Hembel Louis C. Fester Herry Milliam Hembel Louis C. Fester William Hemy Wert III William August Nichologe Herry M. Knox William Hemy William Hembel Rodger Goldington Sears Frank L. White Rodger Goldington Sears Franke L. White Rodger Goldington Sears Franke L. White Priceden Sears Bonald Lymh Robb Donald Lymh Robb Jehn Hemy C. Esteden School H. Wossee Edward Francis Cark Bonald Will Robb Lewert L. Judkson Dahn Hemy Schue Charteel L. Unconny Henry Brower, L. Clearnes L. Winger Golden Henry Bower, L. Clearnes L. Winger Gland John Ferry C. Clearnes L. Winger School L. Wonger Barry D. Cowsen
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Handld F. Burkey  Buoch H. Bandham  Byon Jay Booten  Marel E. Santeniman  Carl Herman Williams  Carl Herman Williams  Carl Herman Williams  Howard F. Ereguson  Bornal Pall Tumbull  MacCount J. Streams  Carl Herman Holly  MacCount J. Streams  Carl Herman Holly  MacCount J. Streams

### EXPLOSIVES LICENSES ISSUED-1975-(Continued)

License Number	Name of Applicant	Applicant's Address	County	Current Expira- tion Date	Initial Fee	Year 1 Renewal Fee	Year 2 Renewal Fee	Year 3 Renewal Fee	Year 4 Renewal Fee
761 000	James D. Wyatt	447 Bruce Road, Lockport, Illinois 60441	Will	9-12-75	\$5.00 No Fee	\$5.00 No Fee	\$5.00 No Fee		
000	Delmar L. Miller	929 Fackney Street, Carmi, Illinois 62821	White	9-19-76	\$5.00	\$5.00	(\$5.00)	(\$5.00)	
000 500	William E. Carlson	640 Uverton Street, Marseilles, Illinois 61341	Cumberland.	9-20-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 202	Howard E. Myers, Jr.	1603 7th Street, Peru, Illinois 61354	LaSalle	9-20-73	\$5.00	Expired	9	100	
000 203	Leslie R. Ankrom	Noute #2, Polo, Illinois o 1064	Morgan	9-28-75	\$5.00	\$5.00	\$5.00	(00.00)	
000 205	Dale Ronald Edgcomb	746 8th Street, LaSalle, Illinois 61301	LaSalle	9-28-74	\$5.00	\$5.00	expired \$5.00	(\$5.00)	
000 202	James W. Juraks	1021 Sherila Drive, Joliet, Illinois 60431	Will	9-28-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 208	John J. Ostermeier	735 Big Bend Road, Taylorville, Illinois 62568	Christian	10-12-74	\$5.00	\$5.00	Expired	(\$5,00)	
000 209	Harry R. Chase	206 Railroad Street, Ohio, Illinois 61349	Bureau	10-17-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 211	Eugene Francis Mahoney	1411 Glendale Avenue, Pekin, Illinois 61554	Tazewell	10-17-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 212	Charles J. Anderson	Sandwich, Illinois 50548 R R. #7. Herman Addition, Quincy, Illinois 62301	Adams	10-26-76	\$5.00	\$2.00	\$5.00	(\$5.00)	
000 214	Elvin LeRoy Quinn	Streator, Illinois 61364.	LaSalle	11-20-76	\$5.00	\$5.00	\$5.00	(\$5.00	
000 215	Richard Charles Swaney	17 West 060 Woodland Avenue, Bensenville, Illinois 60106	DuPage	11-20-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 217	William LeRoy Coyle.	2236 North Avenue. Metropolis, Illinois 62960	Massac	12-7-76	\$5.00	\$5.00	(\$5.00)	(\$5.00)	
000 218	Murval Miles.	2550 East Ash, Springfield, Illinois 62700	Sangamon	12-22-75	\$5.00	\$5.00	(\$5.00)	00 11	
000 219	Robert E. Gunther	Camp Point, Illinois 62320	Adams	12-22-76	\$5.00	\$5.00	\$5.00 Evnired	(\$2.00)	
000	Wilhur A Subre	18 Allen Avenue Hamel Illinois 62046	Madison	12-27-76	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 222	William G. Knowles	1007 Cole Place, Chester, Illinois 62233	Randolph	1-12-76	\$5.00	\$5.00	\$5.00		
000 223	Theodore Otis McCullough	130 Cottage, Chandlerville, Illinois 62627	Cass	1-12-76	\$5.00	\$2.00	\$2.00		
000 224	David A. Martin	739 South Main, Butte, Mont.		1-24-75	\$5.00	\$5.00			
000 226	John A. Arianoutsos	4 Chestnut Court, Park Forest, Illinois 60466.	Cook	1-24-76	\$5.00	\$5.00	(\$2.00)		
000 227	John M. Lisk.	215 South Main, Elizabeth, Illinois 61028	Jo Daviess	1-31-77	\$5.00	\$5.00	\$5.00	(\$5.00)	
000 228	Lloyd Y. Price	304 Orange Street, Elizabeth, Illinois 61028.	Jo Daviess	13176	20.00	85.00 85.00	\$5.00	(90.00)	
230	Danny Lee Crain	R B #1 Johnston City Illinois 62951	Williamson	2-14-76	\$5.00	\$5.00	(\$5.00)		
000 231	Russell Sheldon Westerfield	Route #2, Lewistown, Illinois 61542.	Fulton	2-21-76	\$5.00	\$5.00	(\$5.00)		
000 232	Stephen Pogue Gregory	529 North Cherry, Galesburg, Illinois 61401	Knox	2-21-76	\$5.00	\$5.00	(\$2.00)		
000 233	Rex Arthur Mynatt	Carman, Illinois 61425	Henderson	2-21-76	\$5.00 \$5.00	\$5.00 \$5.00	(\$5.00)		
000 235	Gregory Dean Smith	705 South Division Avenue, Palo, Illinois 61064	Ogle	3-19-74	\$5.00	Expired			
000 236	William F. Graham	Ursa, Illinois 62376	Adams	3-19-75	\$5.00	\$5.00	(90.00)		
000 238	Robert Lawton Stone	Box 191, Rosiclare, Illinois 62982	Hardin	3-23-76	\$5.00	\$5.00	(\$5.00)		
000 239	Milton A. Sobie.	800 West Lincoln Ln., Des Plaines, Illinois 60016	Cook	3-26-76	\$5.00	\$5.00	(\$5.00)		
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David Allen Baker Leof S. Kalin Leof S. Kalin Leof S. Kalin William E. Dillon William E. Dillon William E. Dillon William E. Dillon Reg C. McCreacter William E. McPeak Augest J. Emgelbaupt Reg C. McCreacter Reg	Kent Rhyne Smith
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(\$5.00) Indicates fees for licenses issued in 1975.

### EXPLOSIVES LICENSES ISSUED-1975-(Continued)

Year 3 Year 4 al Renewal Renewal Fee Fee	
Year 2 Benewal Fee	(65.00) (65.00)
Year 1 Renewal Fee	85 00 00 00 00 00 00 00 00 00 00 00 00 00
Initial Fee	\$
Current Expira- tion Date	0.0.2.76 0.0
County	Carroll DuPage Williamson Hardinion
Applicant's Address	M. Carroll, linose GERS R. A. External, linose GERS R. A. External Broad CRES R. A. External Broad CRES R. A. External Broad CRES R. Carroll Broad, Victoria linosi GERS R. A. External Broad CRES R. A. I. Tenton, linosi GERS R. A. I. Tenton, linosi GERS R. A. Marsellies,
Name of Applicant	Mahanad M Kehl. Mahanad M Kehl. Affited Lagave fund Affited Lagave fund Affited Lagave fund Dovyle D, Wildiams Ed G. Schlensher Ed G. Schlensher Ed G. Schlensher Charles Raynon Hassell James L. O'Kede Herbert Maher Fridish D. M. Tammen. Jr. Thomas Morgan O'Brien Herbert Maher Fridish Thomas Worgan O'Brien Rober E Bunch Thomas Worgan O'Brien Rober E Bunch Milliam Ed Lutturell William En Herbert Herbert Wande Ed H. Wuyde Herbert Wande Hondel Wande Herbert
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1000 Broadway, Mattoon, Illinois 61938	Route #! Phtrified Limose 2233 R.R. #! Living, Illinoise 20051 729 Growland, Cree Cocur, Illinoise 61011 Livingston Avenne, Livingston, Illinoise 62088 331 East Liberry Street, Walnut, Illinoise 61376.
Virgil Badder George F. Colorey Charles Joseph Perzek William Eugene Simpson American Charles Joseph Perzek William Eugene Simpson American Charles George F. Colorey William Eugene Simpson Berrote F. Wiston Feedie Wright Berrote F. Wiston Feedie Wright William Bornel H. Scharket Stephen Dernis Hoefft William Bornel H. Scharket Stephen Dernis Hoefft William Bornel H. Scharket Stephen Dernis Hoefft William Robert Lassaw John Muchael Endres Franklin F. Kotter William Robert Lassaw John Muchael Endres Franklin F. Witnerch Franklin F. Boughton Donald M. Collister C. Edward Hoose Donald Rugene Cain Donald Rugene Cain Bornald Rugene Cain Bornald Rugene Cain Latro Gelft Mutany Leit Gert H. Latro Gelft Mutany Leit Gert Latin John H. Spalding John H. Spalding	William D. Christison William G. Arkebaver Leo Vance Goujon Larry Lee McNeely Donald Gordon Matthews.
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(\$5.00) Indicates fees for licenses issued in 1975

### EXPLOSIVES LICENSES ISSUED-1975-(Continued)

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Year 1 Renewal Fee	(\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00)
Initial Fee	######################################
Current Expira- tion Date	9.26.75 9.30.76 9.30.7
County	Vill  Will  Edgar  Edgar  Platt  Platt  Mood off off off off off off off off off
Applicant's Address	1105 South 28th Street, Mr. Vernon, Illinois 62864 389 Freis Admirel Blod, Tulas, Okahoma 213 389 Freis Admirel Blod, Tulas, Okahoma 213 391 Freis Admirel Blod, Tulas, Okahoma 213 392 Freis Luhda Street, Frenescola, Illinois 22204 392 Freis Luhda Street, Prescola, Illinois 22204 393 Freis Luhda Street, Prescola, Illinois 22204 393 Freis Ray, Prescola, Freis Ray, Production 22201 394 Freis Ray, Prescola, Freis Ray, Production 30466 394 Freis Ray, Ray, Ray, Ray, Production 30466 395 Freis Ray, Ray, Ray, Production 30466 395 Freis Ray, Ray, Provider Involved 1949 397 Greenfidge Read, Castro Valley, Cullinois 90466 397 Greenfidge Read, Castro Valley, Cullinois 90406 397 Greenfidge Read, Castro Valley, Cullinois 90406 397 Greenfidge Read, Castro Valley, Cullinois 90406 397 Greenfidge Read, Castro Valley, Cullinois 6079 397 Greenfidge Read, Castro Valley, Cullinois 6079 398 Freighten, Illinois 60231 399 Freighten, May Read, Mr. Vernon, Illinois 60309 390 Freighten, Ray, Preseston, Illinois 60790 391 Ray, Ray, Roberster, Illinois 60240 392 Greenfidge Read, Castro Marker, Read, Mr. Vernon, Illinois 60307 393 Greenfidge Read, Castro Marker, Read, Mr. Vernon, Illinois 60307 393 Greenfidge Read, Castro Marker, Read, Illinois 60307 394 Ray, Ray, R. Washerhin, Illinois 60307 395 Greenfidge Read, R. R. Washerhin, Illinois 60309 399 K. R. R. Yasherhin, Illinois 60309 399 K. R. R. Yasherhin, Illinois 60309
Name of Applicant	Rajan C. His Clark C. Donald George Audrews.  Clark C. Johns C. His C. His C. Clark C. Johns C. His C. Clark C. London C. Clark C. London C. Clark C. London C. Clark C. London C. Clark
License	000 000 000 000 000 000 000 000 000 00

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R. R. # I. Easton, Illinois 602833 Software Street, Light, Illinois 60280 Kinderhook, Illinois 60246 R. R. # Payzon, Illinois 60246 R. R. # Payzon, Illinois 60248 R. # Box 243, Murphysboo, Illinois 60248 R. # Box 243, Murphysboo, Illinois 60248 R. # Box 243, Murphysboo, Illinois 60248 R. # A Box 243, Murphysboo, Illinois 60248 R. # # Digelsey, Illinois 60248 R. # # Digelsey, Illinois 60248 R. # # Digelsey, Illinois 60248 R. # # Doylou, Brown and Illinois 60248 R. # # Box 243, Murphysboo, Illinois 60248 R. # # Box 4024 R. # # Box 243, Murphysboo, Illinois 60248 R. # # Box 2404 R. # # Box 2404 R. # # Box 2404 R. # # # Box 2404 R. # # # Box 2404 R. # # # # Box 2404 R. # # # # Box 2404 R. # # # # # # # # # # # # # # # # # # #
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EXPLOSIVES LICENSES ISSUED-1975-(Continued)

Year 4 Renewal Fee			100
Year 3 Renewal Fee			
Year 2 Renewal Fee			
Year 1 Renewal Fee			
Initial Fee	(\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00) (\$5.00)		
Current Expira- tion Date	12-18-76 12-30-76 1-1-76 1-27-76 1-27-76 1-27-76 1-27-76		
County	Williamson Mason Cook LaSalle LaSalle Bond		
Applicant's Address	1316 Wast Cherry Street. Marion, Illinois 62959 Route H. San Jose Illinois 65980 Ran Parkside Avenue. Morron. Illinois 80066. 1915 And Steet Penel. Illinois 81344. R. R. #Z. Mendous, Illinois 81345. Box 377 Penen. Illinois 62234.		
Name of Applicant	Edward J. Hyatt, Jr. Robert W. Diers Jeome T. McLean Charles Clarence Mitchell John D. Kenny Janes Ternyl Schenk Vanakantham S. Reddy		
License	000 488 000 502 000 503 000 503		









DIVISION OF LAND RECLAMATION

#### DIVISION OF LAND RECLAMATION

## DEPARTMENT OF MINES AND MINERALS DIVISION OF LAND RECLAMATION

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#### ABSTRACT

The year, 1975, was by no means an uneventful year for land reclamation activities in Illinois. The reclamation law was amended, effective July first. The Division staff has been enlarged and there was a reclamation advisory council created. Rules and regulations for the new, amended law were promulgated and the Division has engaged a person to serve as hearing officer, on an ad hoc basis.

The original Open Cut Land Reclamation Act (OCM) ended its influence during 1975, as all obligations thereunder were completed and record books closed.

Reclamation performed by coal companies under the OCM and Mined Land Reclamation Act laws created 29,465 acres of graded pasture land, all of which was done beyond legal requirements (1962-1972 mining regulation time period).

Acreage of surface mining permits (all minerals) issued during 1975 was 7,431.36 compared with 5,560 acres in the preceding year.

Over 40% of the coal affected land, for permit year 1973, has already been reclaimed and bonds released, as of 1975, even though the time limit does not expire until July 1, 1976.

Pasture land use continued to dominate the reclamation land use choice, in 1975, and forest and wildlife acreages continued to be minor categories.

For permits issued in 1975, 37.56% of the acreage will be reclaimed to approximate original contour with rock limitations.

Notices of noncompliance sent out, during 1975 under the Mined-Land Conservation and Reclamation Act, sharply increased over the preceding year. There have been two bond forfeitures requested already, under the MLC&R Act. Both cases involve new companies experiencing bankruptcy. The number of companies against which bond forfeitures have been requested has now been enlarged to twenty-one.

Acreage reclaimed to date by the Land Reclamation Division, by the use of bond forfeiture funds, is 489.4 acres. Planting and seeding were done on 328.4 acres in 1975.

During 1975, there were five mines found to be operating illegally. All of these mines were closed by voluntary closure, except for one where a court injunction was secured.

There are two legal cases where the Department of Mines and Minerals finds itself a defendant in lawsuits filed by local government groups wherein surface mining and local ordinance conflicts are alleged.

Decreasing annual acreage of coal surface mining has persisted, since 1969, and the decreased annual acreage trend continued in 1975. The rate of decrease amounts to about one thousand acres, over a four-year period.

There has been a total of 186,397 acres in Illinois affected by coal surface mining, as of June 30, 1975.

The increased acreage of permits issued in 1975 would suggest that the trend of decreased coal surface mining may be ending.

In 1975, coal surface mining was active in 15 counties and this number did not change from the 1974 figure.

Public hearings, provided by the 1975 amended law, were held for two permit applications, during 1975. In one case, the proposed reclamation plan was rejected and the permit was denied.

Appendix tables in this report present data on land use patterns, land ownership category, assessed valuation, mining techniques, and overburden depths, for mining permits issued during 1975. Some narration is provided showing trends or lack of trend in these data, over the past four-year period.

### ADMINISTRATION OF ILLINOIS SURFACE MINING LAWS

Three surface mining land reclamation laws exist in Illinois. The Open Cut Mining (OCM) Act started in 1962. The Surface-Mined Land Reclamation Act (SMLRA or MLR) took effect in 1968. In 1971, the Surface-Mined Land Conservation and Reclamation Act (SMLC&RA) applied only to one permit but applied to all permits beginning July 1, 1972. The 1971 Act was amended in 1975 and permits issued thereunder are referred to as SMLC&RA amended permits.

Surface-mined areas affected under a given law are reclaimed under standards set forth under that law despite the fact that a subsequent law may have been enacted. None of the laws are retroactive. It is necessary for state enforcement personnel to know boundary lines of the different mining years because

different reclamation standards may apply to each.

The 1975 amended law, as might be expected, is more comprehensive than preceding laws. Carrying out newer restrictions requires greater effort not only by the mining companies but also by the state Land Reclamation Division. The technical staff was enlarged. There are now seven districts in the state contrasted with five districts in 1974. The required seven-member Advisory Council on Reclamation has been appointed by the Governor and is now operating. The Division also has a hearing officer to conduct the necessary public hearings and also to act as a legal consultant on special matters.

The year 1975 was very busy because, in addition to continuing the regular administrative duties, the new rules and regulations, under the amended act of 1975, were developed and, finally, in early 1976, promulgation was consummated. Ramifications of new rules are many and varied. The forms used to execute various phases of the law had to be revised and, of course, revised information disseminated.

If the foregoing gives one the impression that dealing with state land reclamation laws is a complex matter, that impression is probably justified. Throughout this report, one will notice various tables with explanatory footnotes and various labels or headings and sub-headings. Though this report is presented for a calendar year (1975), this same time span experienced: (1) conclusion of permit year 1975 (6-30-75); (2) reporting of permit year 1974 extension acres that were affected in permit year 1975; (3) issuance of 1976 permits prior to 7-1-75 under the 1971 SMLC&R Act and after 7-1-75 under the SMLC&R Act amended 1975; (4) bond releases

TABLE I
SUMMARY OF SURFACE MINE PERMITS AND ACREAGES AFFECTED UNDER THOSE PERMITS January 1, 1962 thru December 31, 1975

Reaffected Acres	126.21			
Affected Acres	66,260.22 11,286.21 4,195.42 81,741.85	2,622.43 1,108.76 506.36 4,237.55	197.04 55.58 4.00	120.17 59.36 13.60
Permit Acres	66,624,99 12,741,32 5,834,56 6,576,00 125,00	2,977.21 1,206.31 604.90 415.87 106.20	245.75 68.68 4.00 34.00	177.65 72.02 14.25 70.29
Permit Fees Collected	385,828.53 322,375.00 148,150.00 16,500.00 3,375.00 16,025.00	48,145,35 37,150,00 18,225,00 12,850,00 3,175,00 4,75,00 100,00	5,854.03 2,575.00 250.00 1,200.00 625.00	3,324,98 2,450,00 6,750,00 2,050,00 4,00,00 325,00 9,124,98
Active Mine Locations	:8847.c : :		[ <b>=</b> 00 ]	[887]
Permits	:: 48 to ::		; wwr ;	: Φ4π ; ;
Mine Locations Under Inspection	:17 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	: 1 28 25:	:014 :	:თთდ : :
Permits Issued	COAL 72 permits SMLRA 1. 27 bro / quemits SMLCRA 2. 27 bro / quemits SMLCRA 2. 28 permits SMLCRA 2. 29 permits SMLCRA 4. 29 permits SMLCRA 4. 20 permits SMLCRA 4. 21 72 bro / grand 21 72 SMLCRA. 20 permits SMLCRA 4. 21 75 bro / grand 21 75 SMLCRA.	LIMESTONE 62 Into 72 permits SMLRA 72 Into 74 permits SMLRA 72 Into 74 permits SMLRA 75 permits SMLCRA 76 permits SMLCRA 76 permits SMLCRA 76 permits SMLCRA amended 76 permits SMLCRA amended 76 permits SMLCRA amended 77 permits SMLCRA amended 77 permits SMLCRA amended	SHALE & CLAY 20 thu 72 permits SMLRA, 20 thu 72 permits SMLCRA 75 thu 74 perluga A. 76 permits SMLCRA Refuse 1-1-72 thu 12-31-74 SMLCRA.	SILICA SAND 62 thru 22 permis SMLRA 75 thru 42 permis SMLCRA 75 permis SMLCRA 76 permis SMLCRA Reluse 1-1-72 thru 12:31-75 SMLCRA Reluse 1-1-75 thru 12:31-75 SMLCRA

	12121
75.39 492.95 91.80	69,257,25 13,002,86 4,811,18 4,811,18
84.00 549.10 124.50 104.00	70,109.60 14,637.43 6,582.21 7,200.16 231.20
2,715.50 15,250.00 3,425.00 2,900.00 250.00 24,540.50	445,888.39 379,800.00 170,625.00 185,500.00 6,550.00 31,888.50 16,450.00
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6 6 6	1233
: 882	219 214 214 15
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\*1 SMLRA Surface-Mined Land Reclamation Act 1-1-62 thru 9-16-71
\*2 SMLCRA Adriace-Mined Land Conseive Replands to the State of the State S

during the calendar year under all three laws; and, (5) other activities which occurred during the calendar year.

Those who wish to interpret statistical tables precisely are urged to note carefully all table labels. Interpretation by narration is intended for readers of this report with general interest in the subject matter. Those with special or academic interest who wish further explanation or detail should not hesitate to address questions either to the Land Reclamation Division's Springfield office or to any of the district field representatives listed on page two of this report.

Table I shows there were 229 mine locations under inspection, during 1975, of which 15 came under the amended SMLC&R Act (after 7-1-75). This compares with 210 mines reported for the preceding year. The higher number for 1975 is not necessarily significant. Aggregate type mining operations do not necessarily require new permits annually unless lateral enlargement of existing operations is planned. Some only require new permits every two or three years. Of the 123 permits issued during the year, there are 15 permits shown in Table I under the amended Act. For reasons just explained, the number of mines under inspection always is greater than the number of mines under active mining permit.

The year, 1975, was a milestone year in regard to number of mines under inspection. Several mines, long since inactive (OCM permits), completed reclamation work during 1975 and will no longer require inspection. As a result, some reduction in number of mines under inspection in 1976 might be expected.

Though permits are issued throughout the year, the general bulk of permits are issued just prior to the end of June. Table I shows 7,200 acres of permits issued as of June 30, 1975. This contrasts with 6,582 acres of permits for all minerals in the preceding year.

One can notice that, for accumulated acres totals, in Table I, over a period of years, the acreage affected has been less than the acreage permitted by those permits. Since the "book is closed" on OCM and MLR affected acreages, we can compare a total 70,109 acres of permits issued against 69,257 acres affected. The difference occurs because permits are based on what a mine operator plans to affect and the affected acreage column shows, at times, something short of that was achieved.

Table I shows this year's permit acreages against which no affected acreage is shown. The reason is that affected acreage is now occurring under those permits and won't be reported until the following year. Since Table I deals with permits and related statistics rather than time period, noting this distinction should help prevent erroneous data interpretation.

OPEN CUT LAND RECLAMATION ACT AND SURFACE-MINED LAND RECLAMATION ACT ACREAGES RECLAIMED AND APPROVED, TABLE II

Reaffected Adjustment Release	16.56 10.50 8.00 35.06	1.00 5.70 6.70		3.68	***
Refuse Adjustment A	210.94 59.43 182.36 452.73				
Non Vegetation		65.77 39.37 105.14 *2	5.70	7.21 1.61 8.30 17.12 *2	
Recreational or Industrial	1,876.24	56.00 16.00 13.80 85.80	2.50	1.73	3.00
Reforested	3,445.86 204.80 287.40 3,938.06	773.77 77.871	54.56 23.2 16.03 72.91	10.15	7.50 2.30
Strike-Off for Pasture	27,137,80 2,507.32 684.91 30,330.03	769.09 48.15 189.97 1,007.21	30.28	7.42	12.17 1.00 3.75 16.92
Graded for Crop or Pasture	23,266,27 3,363,23 2,835.49 29,464.99	552.34 81.17 111.91 745.42	64.13 2.70 10.10 76.93	30.07 2.25 17.20 49.52	15.00
Total Reclamation	92,018.00 *1 55,953.67 6,145.28 4,356.46 66,455.41	1,616.97 146.32 360.75 2,124.04	157.17 5.02 30.43 192.62	66.58 7.54 26.50 100.62	37.67 3330 4.25 45.22
Acres	103,181.00 66,260.22 66,260.22	2,622.43	197.04	120.17	55.39
Product	COAL previous to 12:31-61 1-1-62 fru u 2:31-73 1-1-76 fru u 2:31-75 1-1-62 fru u 2:31-75	LIMESTONE 1-1-42 thru 12:31-72 1-1-74 thru 12:31-74 1-1-62 thru 12:31-75	SHALE & CLAY 1-1-62 full 123173 1-174 full 123174 1-175 full 123175 1-162 full 12:3175	SILCA SAND 1-1-62 hul 123177 1-174 hul 123174 1-175 hul 123175 1-162 thul 123175	SAND 6 GRAVEL 1-62 Ptul 12:373 1-74 Ptul 12:373 1-15 ptul 12:376 1-15 ptul 12:376

\*1 Sooil & Water with pH5 or greater, vegetation density & overstory vegetation greater than 25% data provided by Cooperative Wildlife Research Laboratory SIU \*2 Quarry Pit Floor

#### AFFECTED ACREAGE AND RECLAMATION STATUS

There is no single table that shows total amount of land reclamation work done, during calendar year 1975, for the whole state. Table II summarizes data performed as per the OCM and MLR rules and Table III deals with reclamation performed as per MLC&R rules and summarizes reclamation acres according to corresponding permit years with no identity of year in which the reclamation work was actually performed. To determine total acres reclaimed in the whole state during 1975, one would have to total the 1975 figure from Table III with another figure arrived at by subtracting from Table III the corresponding figures from Table III in the 1974 Annual Report.

## PART I (OCM AND MLR AFFECTED ACRES RECLAMATION)

Table II shows status of acres affected under the OCM and MLR laws. Of the 66,260 coal acres affected, 66,455 acres (103%) have been reclaimed. At this point, along with calling attention to the "surplus" reclamation, it is pointed out that the MLR Act (mining ending 6-30-72) allowed a three-year time period for completion of reclamation. This three-year time period expired 6-30-75. Consequently, if the law were being observed, it was expected that all reclamation be completed in 1975. And, in fact, it seems that this has actually occurred, as reflected in Table II.

To explain the surplus reclamation experienced requires calling to mind a provision of the reclamation laws permitting substitution of pre-law acres reclamation for credit on acreage affected under the law. Once this was started, eventual reclamation of all acres affected under the law, predictably would generate surplus reclaimed acres. Though some operators may not voluntarily reclaim acreage beyond that required, there is a general tendency among major operators to reclaim all their affected acres regardless of legal obligation. Blanket bonding, formerly permitted, also may be a factor. A company with more than one mine routinely has been allowed to apply large reclamation acreage from a given mine to satisfy total state-wide legal obligations on a blanket bond. However, whenever legal obligations of a given mine have been satisfied, the state has not permitted further surplus acreage reclamation toward reducing legal obligations of another mine. Rather, in such cases, they were given reclamation approval with zero bond release and, of course, released acres with zero bond release generates surplus reclamation acres. It is predicted that the

## SURFACE-MINED LAND CONSERVATION AND RECLAMATION ACT TABLE III

# 9-17-71 thru 6-30-75

ACREAGES RECLAIMED, APPROVED, & BOND RELEASED BY PERMIT YEAR

			Past	Pasture							
	Affected	Total Reclamation	Max. Grade of 15%	Approx. Orig. Grade	Forest	Wildlife	Ind.	Crop	Non Vegetation	Adj. Refuse	Adj. Reaffected
COAL 72 Permits 73 Permits 74 Permits 75 Permits	7.00 5,683.32 5,722.10 4,368.02	2,324.18 484.61 27.00	1,553.48 300.81 23.00	687.10	3.10		::::	::::		*3 80.50 66.30 3.00	4 :::::
	15,780.44	2,835.79	1,877.29	801.10	9.60					149.80	1.00
LIMESTONE TO permits To permits To permits To permits To permits	6.10 589.45 513.21 506.36	73.98 59.28 8.00	54.05		::::		11.50	7.40	16.28	1.00	1.00
	1,615.12	141.26	65.00				34.15	8.60	28.51	2.00	3.00
SHALE & CLAY 30 pernits. 74 pernits. 75 pernits.	24.40 31.18 4.00	7.50	7.50				:::	:::			00:
	59.58	11.58	11.58								
SILCA SAND 72 pomitis. 74 pomitis. 75 pomitis.	5.10 19.30 34.96 13.60	756	7.56		::::		. : : : :	::::	. 8 . 5	: : : :	
	72.96	8.95	7.56						1.39		
SAND 6 GRAVEL Spannis 73 permis 75 permis 75 permis	19.10 281.05 192.80 91.80	17.80 77.80 35.80	35.40			17.80 16.30 15.20	::::	::::	26.10		
	584.75	131.40	36.90			49.30			45.20		

<sup>\*1</sup> Permit year (year ending June 30 of the year indicated)
\*2 Pit Floor & Water
\*3 Reclamation Bond Released & Rebonded for Refuse Disposal
\*4 Reclamation Bond Released & Rebonded Acreage

surplus acreage will grow even larger because there are a number of areas now reclaimed, for which surplus reclamation status probably will be sought by mine operators. The Land Reclamation Division personnel routinely try to urge all operators to reclaim and request inspection and approval on all acres affected.

Table II also shows, for aggregate mining categories, total reclamation acreage smaller than acreage affected. Since bond releases were not secured during 1975 (the end of the three-year time limit for reclamation) it may be presumed that these instances represent time extensions granted, under the law, to allow more time where operating conditions (common in the aggregate mining industry) prevent land reclamation work due to conflict with active mining activity.

There were 4,356.46 acres approved as reclaimed in 1975 on coal lands for work performed under OCM and MLR rules respectively (Table II). One can also note, in Table II, the breakdown of these acres by reclamation category. Most interesting is the fact that almost two-thirds (2,835.49 acres) of this reclamation was in the graded pasture or cropland category. Less than 16% (684.91 acres) was reclaimed for strike-off pasture. Lower acreages are shown for reforestation (287.40 acres) and recreation or industrial land use categories (358.30 acres).

Over the whole time period of the OCM and MLR reclamation standards (1962 - 1972) it may be of interest to note a breakdown of the total 66,455.41 coal land reclamation acres under the OCM and MLR rules (Table II). Over 44% (29,464.99 acres) was reclaimed as graded crop or pasture; 45.63% for strike-off pasture and almost 6% was reforested. Other categories also are shown, in lesser amounts.

The last two columns on Table II might be regarded as bookkeeping columns because of the need to account for all bond releases that occur under actual transactions but not assignable to general land use category. For example, during 1975, 182.36 acres of bonded OCM or MLR area was rebonded for refuse disposal purposes. In those cases, surface mining bonds were released and replaced by refuse disposal bonds. Reaffected adjustment releases work similarly (last column of Table II). Where bonded acres are reaffected, the older bonds are released (to prevent double bonding) and these released acres are not properly assignable to a reclaimed land use category.

Some mention is probably in order concerning the high proportion OCM and MLR acreage reclaimed as graded crop or graded pasture land. One should recall that these laws do not require reclamation standards higher than that applying for

strike-off pasture. Complete grading, therefore is clearly something done (29,465 acres for coal, 745 acres for limestone, 77 acres shale and clay, 50 acres for silica sand and over 15 acres by sand and gravel operations) beyond legal requirements. There is no generally well understood explanation for this seemingly altruistic effort that exists. It is known that, in some instances, owners of lands leased to mining companies impose certain land reclamation restrictions on mining companies and this could account for some of the super legal reclamation. Some too is probably motivated by high value real estate location where the added expense of reclamation is readily recoverable.

## PART II (SMLC&RA AFFECTED ACRES RECLAMATION)

Table III gives data for acres affected and corresponding land reclamation on those acres, but this table deals only with the MLC&R Act that took effect with the first permit issued after September, 1971.

The total reclamation column, for coal, for example, shows 2,324 acres already reclaimed under 1973 permits and 485 acres reclaimed thus far under 1974 permits. It is interesting that 27 acres have already been reclaimed under permit issued for 1975.

Since three years are allowed to complete land reclamation work, it is somewhat noteworthy that, for permit year 1973, over 40% of the coal land acreage has been reclaimed even though the time limit does not expire until 1976.

One should understand that reclaimed acres tallied in Table III applies to completion of all grading and vegetation obligations. Grading work may or may not have been completed on other acres. Even where grading work has been completed and grading bonds released, such areas are still not tallied as completed, until bonds for revegetation have been released. This report does not show data for grading bonds nor graded acres because such are not summarized for publication purposes.

Of land reclamation completed to date (Table III), the preponderant category is pasture land with lesser amount of original grade pasture with rock limitations. The only row cropland released thus far is minor acreage performed by a limestone operation. It is expected that more significant cropland and original grade pasture acreages will be appearing in next year's reclamation statistics.

One should understand that the 801 acres of original grade pasture (Table III) is land that has met surface rock limitation criteria and would be suitable for cropland tilling; however, mine

operators involved have chosen to produce forage rather than row crops on this acreage, probably to enhance the soil's tilth and organic content by using legumes and grasses during the early years.

Forestry and wildlife land use categories involve only minor acreages of land reclamation. Industrial use seems to be especially suited for some limestone operations where reclaimed overburden areas are leveled and used for aggregate stockpile purposes.

The non-vegetation category in Table III is probably self-explanatory. Quarry type mining which creates a deep hole, if not flooded with water to form a lake, often has no soil to support vegetation. An exception under the law allows such areas to be approved under non-vegetation category. Data labeled "ADJ" as shown on the last two columns represents adjustment figures required by bookkeeping procedures to account for bond releases on lands that are not reclaimed but rather rebonded areas that are bonded again after the original bond was released, as explained in the footnotes of Table III.

The last item of clarification about Table III concerns acres affected. Totals for 1974 and older are fixed and no longer subject to change. Figures for permit year 1975, however, will change. The 1975 permit year extension acres will be added to acres affected in 1975 already shown and, on a state-wide basis, about one thousand acres per year commonly are involved. An example of this would be the 1974 annual report which indicates 4,590.55 acres were reported as affected by coal mines. In Table III of this year's report we find that the new total is 5,722.10 which means that there were 1,131.55 extension acres affected by coal mining last year (1975), under permits issued for permit year 1974.

#### RECLAMATION PLANS

As new surface mining laws and new rules and regulations come about, it becomes necessary to account for new statistics that previously have not been tallied. By comparing Appendix Table A with the same table in the 1974 Annual Report, one can notice, under the pasture category, a new column labeled "darkened surface soiling". This is an early reflection of something, to become more common in subsequent years, as a new reclamation parameter brought on by the 1975 amended surface mining law.

Contrasting data with that for the preceding year, Table A shows 7,431.36 acres of permits issued in 1975 compared with 5,560 acres in 1974. Coal mining permit acreage especially showed rectionable increase from 4.082 to 6.701

noticeable increase from 4,983 to 6,701.

A breakdown of reclamation category shows that 50.35% will be reclaimed to pasture with 15% maximum slope; 5.95% will be graded to approximate original grade; 37.56% will be approximate original grade with rock limitations (suitable for row crop tilling); and 0.6% will be approximate original grade with darkened surface soil replaced. Only minor acreages are shown for other land use categories (Appendix Table A).

In 1974, 41.58% of the permits issued were for reclamation plans calling for restoring land to the approximate original grade.

This figure, in 1975, has increased slightly to 44.11%.

It has already been mentioned elsewhere that a new surface mining law became effective July 1, 1975. Readers of this report should understand, however, that most permits for the year were processed and already issued prior to July 1, 1975. As a result, the newer (amended) rules, such as darkened surface soil criteria, will apply only to the few permits issued late in the year.

#### NONCOMPLIANCE AND BOND FORFEITURE

Surface mining laws impose certain deadlines on mine operators. July 1 is the deadline for completion of grading work on preceding year's affected acreage and also is the deadline for bond release on acreage affected three years preceding under both the MLR and MLCR rules. September 1 is the deadline for submission of affected acreage reports. Other deadlines occur whenever time extensions are granted for specific time periods.

Under MLR rules, failure to meet a deadline results in a notice sent by certified mail informing the operator of the noncompliance and provides 90 days in which to correct or restore compliance. In the case of the MLC&R Act, only 45 days is allowed. In each case, failure to meet the new time period results in a 30-day letter sent by certified mail. The second notice (30-day notice) allows an operator opportunity to request a hearing. Failure of a satisfactory solution, after a 30-day notice expiration, results in bond forfeiture request to the Attorney General's office.

Just as has been occurring in preceding years, it was necessary, during 1975, to use all noncompliance mechanisms, including consummation of forfeitures.

It may be of some interest to compare noncompliance notices with the corresponding number in 1974. There were 10 ninety-day letters in 1975 compared with a total of 16 MLR notices in 1974. There were 4 thirty-day notices in 1975 compared with 5 notices in 1974 under the MLR rules.

Under the MLC&R Act, there were a total of 17 forty-five-day notices in 1975 compared with 10 notices in 1974. There were 5 thirty-day notices in 1975 contrasted with only one in 1974.

#### NON-COMPLIANCE CHART

#### SURFACE-MINED LAND RECLAMATION ACT

90-day	letters	30-d	ay letters
Product	No. of Notices	Product	No. of Notices
Coal	4	Coal	3
Limestone	2	Limestone	1
Refuse			
Coal	4		
TOTALS	10		4

#### SURFACE-MINED LAND CONSERVATION AND RECLAMATION ACT

45-day	letters	30	)-day letters
Product	No. of Notices	Product	No. of Notices
Coal	9	Coal	3
Limestone	5		
Shale & Clay	1		
Refuse			
Shale & Clay	1		
Coal			2
TOTALS	16		5

Two forfeitures were consummated in 1975 under the MLR Act and two under the MLC&R Act. The companies involved are listed in Table IV. It may be of some interest that forfeitures have already been requested under the 1971 act and it may be even more interesting that these two cases involve mining in permit year 1975. In the case of bankrupt companies, where forfeiture eventuation is sometimes a mere waiting of time deadlines, the Land Reclamation Division attempts to take advantage of earliest possible forfeiture so that subsequent actual cash dispersement and fund budgeting permits earliest possible state reclamation work, to correct environmentally deliterious mine sites.

As is shown listed on Table IV, there are now 21 companies that have experienced surface mining bond forfeiture in Illinois.

To date, the state Land Reclamation Division has expended forfeiture funds to reclaim 489.38 acres. Of this acreage, planting and seeding were done on 328.4 acres, in the spring of 1975. Land Reclamation Division personnel did the seeding work and super-

vised tree planting work performed by two tree planting contractors. Grading work on these areas was completed the preceding year.

Table IV also shows that there are 71.20 acres of forfeiture work remaining to be done contrasted with 289.40 acres remaining in 1974. The Land Reclamation Division regards the marked improvement in these figures as a significant achievement. Immediate reclamation and expenditure of forfeiture funds is not possible because forfeiture funds must be deposited in the state general revenue fund and the Land Reclamation Division requests appropriation of those funds from the state legislature.

Technical Violations: A mine in Johnson County was found surface mining coal without a permit. Coal less than 10 feet deep was removed which required no permit. However, coal in excess of 10 feet deep was uncovered but not yet removed. Upon being advised that removal of the coal could not be done without a permit, the operator voluntarily ceased operating and covered the coal and restored the land.

A Williamson County operator applied for a permit and started mining before receiving the permit. Upon being advised that this was illegal, the operator ceased operating voluntarily and, as a result, no injunction was sought.

A second Williamson County operator, it was later discovered, had already begun surface mining at the time a surface mining permit application was filed. A court injunction was promptly secured and the mine was ordered closed. The mine later reopened when the permit was issued, following the lifting of an injunction obtained by the state EPA for failure to secure a permit from that agency.

A mine in Jackson County changed ownership and was technically without a permit for the new owner. Because a state mine inspector posted a closure notice, this resulted in keeping the mine closed without court injunction, until the legalities of the permit question were settled. A similar experience occurred at a coal mine in Fulton County where a mine was found operating without a permit and a state mine inspector closure alleviated need for a court injunction.

State Lawsuits: The Department of Mines and Minerals is the defendant in a lawsuit filed by Catlin Township in Vermilion County. In a second action, the Department was sued by a village in Cook County. Both cases involve contesting of state authority in regard to surface mining permit issuance where conflict with local ordinances is alleged. These cases are in the hands of lawyers for both parties and no further information can be given at the present time.

TABLE IV

BOND FORFEITURE

OPEN CUT LAND RECLAMATION ACT, SURFACE-MINED LAND RECLAMATION ACT, AND SURFACE-MINED LAND CONSERVATION AND RECLAMATION ACT

County	Сотрапу	Acres Reclaimed	Acres Remaining	Bond Forfeiited In Dollars	Forfeited Requested In Dollars
Jackson Jackson Jackson Jackson Jackson Johnson Johnso	Ajax Coal Co. Fairing Boxs. Fairing Boxs. Fairing Boxs. Fairing Boxs. Fairing Boxs. Fairing Coal Box Side Mining Co. Job Riffining Co. Job Riffining Coal Mex Burnside Coal Mex Mining Coal Mex Coar Mex C	2.5000 13.5000	17.00 17.00	13,580,000 1,580	3,400.00 17,200.00 1,000.00 1,400.00 1,680.00
TOTALS		439.38	71.20	58,812.50	38,680.00

#### AFFECTED ACREAGE BY COUNTY - COAL

Since the major surface mining land disturbance in the state involves coal surface mining, Table V gives a summary of these acreages by county and also gives a total for the state. To avoid confusing figures with those in Table I or Table III, one should understand that Table V deals with acreage affected by indicated time period; whereas, Tables I and III involve permit issuance dates and summarize acreage under given permit identities.

As of the end of June, 1975, there have been 186,397 acres affected by coal surface mining in the state. Of this acreage, 103,181 acres was affected prior to existence of surface mining laws in the state. Table V also shows there were 66,656 acres affected under the OCM and MLR laws (1-1-62 through 6-30-72).

If we look at the coal affected acreage trend over the past four years, the following figures can be given:

1972	6,193.95
1973	5,741.50
1974	5,598.80
1975	5.219.82

The above figures show a clear trend of annual decreasing coal surface mining acreage. It can also be added that this trend of decreasing acreage has persisted since 1969.

The increased acreage of permits issued in 1975 would suggest that the trend of decreasing coal surface mining is due to be reversed. However, we cannot yet state such with certainty.

There are six counties listed in Table V with affected acreage in the "five figure" category. These counties are Fulton, Knox, Perry, Saline, St. Clair, and Williamson. Randolph County will enter this group in 1977 if the 1975 acreage is equaled in 1976 and 1977.

Only one county experiences one thousand acres or more of surface mining annually and that is Perry County. Randolph and Fulton Counties are the next in order of acreage affected annually, followed by Knox County.

Two counties have experienced surface mining acreage in excess of 5% of total county acreage. These are Perry (9.32%) and Fulton (8.04%).

Total number of counties which have experienced some coal surface mining stands at 40. This number has not changed in 1975. In 1975, coal surface mining was active in 15 counties and this number also is the same as was experienced in 1974.

TABLE V
COAL - AFFECTED ACREAGES - PRELAW - JUNE 30, 1975

Courty	Prior to Law	1.1-62 to 6-30-72	7-1-72 to 7-1-73	7-1-73 to 7-1-74	7-1-74 to 6-30-75	Total County Acreage Affected	Percent of County Affected
Adams. Brown. Bureau.	19.00	51.00				228.00 19.00 3,135.00	4.60°.
Clerk	8.8.5					3.00	
Eulyan Fulton Gallatin	25,293.00	16,612.67	1,218.50	1,034.00 67.40	83.17	1,862.71	8.08 88.98
Greene Grundy Hancock	6,162.00	1,032.20	58.52	37.00		7,289.72	2.63
Henry Jeckson. Lafferson	2,676.00 4,080.00 72.00	826.00 803.00	7.50	3.00	5.25	2,676.00	.50 7.2.1 .55
Jersey Johnson Johnson Johnson	0.00	50.50	2.00	75	7.30	61.55	.000 .02 .03
Administration Control of Control	11,434.00	6,397.34	460.13	445.72	534.50	19,271.69	4.14
Livingston Madison Marchail	46.00 7.00 1.00					7.00	000.00
WicDonough Menard Manara	000.6	6.00				25.6.6.	007
Morgan Morgan Peroria	4.00 1,265.00 13,084.00	5,501.42	621.45	530.31	378.00	8,296.18 25,823,39	2.07
Pope Pope Bardolph	1.00 0.00 2,387.00 5,584.00	3,570.20 4,163.25	1.00 454.40 221.10	937.00	10.00 850.00 304.76	1.00 42.00 8,198.60 10,484.21	.0002 .01 2.16 4.28
Schott. Schotti Sigk. Sigk.	1,327.00 239.00 5,948.00	737.00 1,909.39 6,780.00	110.64	177.36	122.00	2,558.39 13,127.80	.0006 .74 1.37 3.06
Vermilion. Walliamson	4,208.00 6.00 4,698.00 7,792.00	1,089.00 4.00 1,456.40 5,343.35	69.96	85.00 282.19	13.00	5,297.00 10.00 6,322.36 14,032.58	.92 .007 1.17 4.87
Totals	103,181.00*1	66,655.95*2	5,741.50	5,598.80	5,219.82	186,397.07	.502*3

\*1 Date provided by Cooperative Wildlife Research Laboratory, SIU 2 Date to 6.30-71 provided by Cooperative Wildlife Research Laboratory, SIU 2.02% total acreage affected by surface mined lands in lilinois

#### REFUSE DISPOSAL PERMITS

Table VI shows a summary of refuse disposal permits. One should note that MLR and MLC&R Act permits are listed separately. Gob disposal permits are issued only for coal mines; whereas, slurry permits are issued for all commodities where mineral beneficiation and subsequent refuse or tailings disposal is required.

There have been 69.98 acres reclaimed and bonds released for gob permits and 9 acres of slurry permits, under the MLR Act.

Contrasting with data from the 1974 Annual Report, under the MLC&R Act permits, the acreage of gob disposal permits has increased from 570.59 to 643.59 and there have been 43 acres released.

There are now 31 active slurry permits under the SMLC&R Act with total acres accumulated to 1,070.39. There have been 24.4 acres of coal slurry released as reclaimed during 1975. Slurry permit acreage represents a sharp increase from the 578.23 acres of permits in existence during 1974.

Separate provision for refuse disposal permits is a unique feature of the Illinois surface mining laws. In terms of water pollution potential especially, refuse disposal areas, with improper disposal practices, could cause environmental degradation much more serious than that caused by surface mining practices, in some instances. As a result, acreage of refuse disposal permits might be regarded as acreage of "problem" sites which were prevented from developing, because of the permit system and reclamation requirements.

#### STATE SPONSORED RESEARCH

Previous Annual Reports have mentioned a modest effort by the Land Reclamation Division to revegetate old gob disposal lands by treatment without soil covering. It can be reported that vegetation established continues to flourish and the oldest plots have now survived five growing seasons.

It was initially intended that this modest effort might help point the way for other more significant projects where large areas of old gob piles occur and are a continuing source of acidic water pollution. It has been learned that one company plans to treat a very large gob pile by the use of some of the techniques developed in the above-mentioned research project. Work was planned to get underway in 1976.

The major advantage of treating gob with lime, other than cost

TABLE VI SUMMARY OF REFUSE DISPOSAL PERMITS BY RECLAMATION ACT

	Total Permits Issued	Permits In Effect	Permits Released	Total	Acreage Under Bond	Acreage Released
GOB SMLRA Coal.	32	20	12	409.92	267.16	142.76
SUNRHY SMILRA Coal factors The state of the	<u> </u>	36	8	761.27 1.00 2.00 15.00	732.21 1.00 2.00 15.00	29.06
	22	20	2	779.27	750.21	29.06
GOB SMLCRA Coal.	40	36	4	686.59	643.59	43.00
SLURRY SMLCRA Limestone Share Clay Silics Sand Sand & Gravel	18 2 3 3	77 2882	-::::	1,038.09 8.50 19.80 22.40 6.00	1,013.69 8.50 19.80 22.40 6.00	24.40
	32	31	1	1,094.79	1,070.39	24.40

advantage, is that by not using borrow soil, it will not be necessary to ruin one piece of land in order to treat a problem site.

## STATE MODIFICATION OF PROPOSED RECLAMATION PLANS

Of the 7,431.36 acres for which reclamation plans were approved, Appendix Table B shows that these plans were modified on permits totaling 1,321.60 acres. This was a substantial decrease from the 1.965 acres for which plans were modified in 1974.

When plans are modified by the Land Reclamation Division, most operators take note of the modifications and incorporate those changes into their own proposed plans the following year. As a general rule, the need for modifications of reclamation plans is brought on by ambiguities or oversights and resultant modifications are intended to make clarifications and corrections on approved plans with Department of Mines and Minerals addenda.

Appendix Table B is being used for the last time in this Annual Report because, with issuance of permits under the 1975 amended Act, proposed plans will no longer be modified as a part of the approval process. Henceforth, proposed plans will be either approved as presented or they will be rejected and returned for correction.

A new feature of the 1975 amended act provides for public hearings to be held where the county board requests such. The Land Reclamation Division's hearing officer presides at such hearings, and opportunities for testimony and rebuttle are provided. No permits are approved until proper hearings, or the required opportunity for such, comes about. During 1975, there were two hearings held and, in one case, the proposed plan was rejected and the permit denied.

#### LAND USE PATTERN PRIOR TO SURFACE MINING

Appendix Tables D and E are identical except that Table D involves lands to be surface mined and Table E involves lands to be affected by refuse disposal.

Table D shows that, for permits issued in 1975, 53.28% of the lands were previously in cropland use, 15.03% was pasture, 30.76% forest, and 0.93% was industrial land.

Data of this type has been accumulated only since 1972. It might be of interest to mention trends over the four-year period, to indicate the types of lands being surface mined. The highest portion of cropland was involved in 1972 when 60.5% of the

permit acreage was cropland. The lowest was in 1974, when 49.21% was involved with cropland acreage.

The proportion of pasture land for 1975 permits was 15.03%. This was the lowest in four years. The highest proportion of pasture land was involved with permits issued in 1973, when 28.88% of the permit acreage was pasture.

Forest lands amounted to 30.76% of 1975 permit acreage. This was the highest forest acreage year. The lowest amount of forest acreage was in 1973, when 20.02% of the permit acreage was on forest land.

Industrial and recreation lands have amounted to one percent of permit acreage or less except for 1972, when the amount was 1.27%.

By contrasting Appendix Table D with Appendix Table A, one can get some idea of trend in before mining versus after mining land use pattern. Actual pre-mining land use will not be quite as significant in the future as in the past, because of a change in the 1975 amended law. Land use capability will be more important than actual land use because of ramifications involving post-mining land use choice options.

Appendix Table E shows land uses existing on lands to be devoted to refuse disposal. It is probably very desirable that the majority of the acreage involves land previously affected by surface mining. Naturally, all surface-mined acreage used for refuse disposal means that much less natural land is prevented from being affected by surface mining activities. Also, it is very fortunate that, following proper land reclamation, after refuse disposal, land improvement frequently results. Large valleys, for example, frequently are leveled, after having been filled with gob and covered with earth.

#### ASSESSED VALUATION AND OWNERSHIP OF LANDS BEING SURFACE MINED

Surface mining permit applicants are required to submit, on the permit application, information about land ownership and assessed valuation. For permits issued during 1975, this data is summarized in Appendix Table F. By comparing with the same table from Annual Reports dating back over the last four years, a little stronger indication about data trends should be possible. No given single year can be properly presumed to be a typical year.

Considering tax valuation first, in 1975, about 46% of the acreage to be mined involved lands assessed at less than \$100 per acre. This was the highest proportion of this category over the past

four years. The percentage of under \$100 per acre was the lowest (29%) in 1972. In fact, there is a trend indicated as follows: in 1972, 28.64%; in 1973, 30.21%; in 1974, 41.84%; and in 1975, 46.05%.

The under \$150 per acre category is apparently a significant dividing line because, fairly consistently, about 60% or more of acreage to be mined falls in this category. The proportion of 1975 permit acreage under \$150 per acre was 63.34% as shown in Appendix Table F.

If we go to the other end of the scale and consider tax assessed valuations from \$250 per acre and higher, there seems to be no trend over the past four years. In 1975, the proportion in this category was 19.37% and the lowest proportion in this category

(5.85%) was experienced in 1973.

Figures already discussed apply to all minerals. One can notice, from the way numbers are arrayed in Appendix Table F, that coal mining tends to occur on lower value real estate. Aggregate type mining tends to occur on lands with higher assessed valuation because of attempts to produce aggregates closer to cities and towns, in order to reduce hauling cost. Limestone seems to be an exception from other aggregate minerals and its pattern seems to be somewhat similar to that for coal mining.

Ownership of lands being surface mined are shown in Appendix Table F. One can put together an array of data on ownership of land by comparing Table F out of the last four years' Annual Reports. It was decided that only coal, limestone, and sand and gravel mining presented enough data to justify analysis. What the four-year composite data shows is that ownership of coal mining properties has varied from 72% to over 76% corporate ownership with no trend apparent, over the four-year period. On the other hand, limestone mining preponderantly seems to occur on leased properties with only 43.1% being on corporate ownership, in 1975. Ownership of limestone mining properties has shown progressively increased corporate ownership with percentage figures being 33.1, 34.1, 41.9 and 43.1 respectively, from 1972 through 1975.

Sand and gravel mining seems to be done on the highest proportion of corporate ownership of any mineral being surface mined. In 1975, 87.5% was corporate land ownership. The proportion was as high as 97.6% in 1973; however, there is no apparent four-year trend in ownership proportion.

There is some common speculation that, especially for coal mining properties, higher land reclamation standards being practiced, which bring about reclaimed lands of greater value, may affect land ownership patterns. It is reasoned that landowners might prefer to lease the land for mining under terms where they will regain control following mining so that the benefits of better land reclamation will accrue to them. However, there is yet no solid evidence to show that such may be occurring, despite the fact that the proportion of corporate ownership on mine permit lands in 1975 was the lowest in the last four years.

#### SURETY BONDS

Appendix Table G shows the amount of surety bonds involved with 1975 surface mining as well as refuse disposal permits. Almost eight million dollars are involved. The reader should understand that bonds held for prior years are not listed. In fact, no effort is made to keep a cumulative tally of surety bonds held at a given time.

One should understand that, in general, bonds do not represent cash in hand. There are some cases where smaller operators have deposited, in lieu of surety bond, certificates of deposit or certified checks. In such cases, these instruments are turned over to the State Treasurer for safekeeping. The proportion of these, however, is relatively small.

In general, mine operators purchase surety bonds from insurance or other bonding agencies. The instrument held by the state, in such cases, is a certificate showing that the bonding company will pay the specified sum in the event a default (failure to reclaim the affected acreage) should occur. Whenever conditions for bond forfeiture consummation materialize, majority of bonding companies promptly do pay the cash due, upon receipt of proper legal documentation and request from the State Attorney General. Substance of such documentation, of course, must be furnished by the Land Reclamation Division. There are cases; however, where substantial legal exercise must be undergone before a bonding company agrees to pay the amount due. There has been only one instance where a bonding company would not honor the claim filed and, in that case, the bonding company is in bankruptcy and final settlement probably will be long delayed.

#### SURFACE MINING TECHNIQUE

Appendix Table H summarizes acreages mined by various techniques, for permits issued during 1975.

Since coal acreage is the most significant, a separate table was prepared showing coal permit mining techniques over the last four years, in order to determine if any significant trends exist. Of the four major techniques in surface mining, the ratio of each type seems to have shown no significant change over the four-year period. Dragline mining showed the highest proportion with 37% of the total, in 1972. In 1975 over 32% of the coal acreage was affected by dragline mining. Almost 30% of the 1975 permit acreage was issued for shovel mining and the lowest proportion of coal mining by shovel was just over 23%, in 1972. Wheel and shovel combination mining has been the third most important technique of coal surface mining, with almost 23% being of this type, in 1975. This type of mining has generally been just above 20%, except for 1973, when the proportion was over 32%.

The most erratic coal mining technique proportion involves the dragline and shovel combination, sometimes referred to as tandom mining. In 1975, almost 9% of all coal surface mining was by this type; whereas, the proportion has been as high as over 15% in 1972 and as low as 4% in 1973.

Surface mining by dozer and scraper technique tends to predominate generally in aggregate type mining; however, as shown in Appendix Table H, significant coal mining in Illinois is not done by this method.

The column labeled miscellaneous type mining, on Appendix Table H, accounts for acreages of permits for mining related activities, such as roads or drain ditches, but not actually surface mining.

#### OVERBURDEN DEPTH

Information on overburden depth, for areas permitted during 1975, is summarized in Appendix Table I. Information of this type has been available only in the last four years. Proper understanding of this data requires that one not misunderstand the data system input. To be emphasized is the fact that overburden depth data is not precisely engineered data. Rather, permit applicants are asked to submit estimates of overburden depths wherein, they must take into account minimums and maximums and somehow, arrive at a figure to enter on the application form. Consequently, this type of information is useful only to the extent that long term trends may be indicated. Actual figures for a given year probably don't tell us much.

If one were to assemble the last four years' Annual Reports and calculate overburden depth percentages in each depth category for coal permits, some slight trend indication becomes apparent, from the way the percentage numbers are arrayed. For example, the

highest percentage (42.2%) of coal acreage 50 foot depth or less was in 1972; however, there is no consistent time-related trend over the past four years in this category. There appears to be the makings of a possible trend in the over 76 foot depth category. The highest proportion (29.4%) in this category was experienced in 1975 and the lowest proportion (12.2%) was experienced in 1972. Consistently, the coal mining depth category with the plurality among categories has been the 51 to 75 foot category, for coal surface mining.

It seems logical to presume that coal mine operators will attempt to exploit shallow coal seams and avoid deeper coal seams, so long as a choice exists. Predictably, overburden depths must increase, over significant time periods. The interesting facts to ponder are those matters affecting availability of shallow coals for surface mining, such as rate of discovery, rate of commercial availability for exploitation, and the rate of actual mining of these areas. It does appear that, from the data available, four years is probably too short a time period in which to discern significant meaningful trends in overburden depth experienced.

#### MISCELLANEOUS ACTIVITIES

A new activity during 1975, later to become a routine annual activity, involves public hearings held at the request of county boards. Two such hearings were held for permits issued in 1975 and both were in Fulton County.

Other hearings were held by the Department of Mines and Minerals in connection with promulgating rules and regulations for the 1975 amended surface mining act.

A great deal of activity occurs routinely such as telephone calls, letters requesting information, groups wanting someone to explain the law, individuals or groups that wish to visit land reclamation projects or to visit a surface mine. Such activities can and do require considerable time on the part of the Land Reclamation Division staff throughout the year.

A listing of some field tours in which the Division staff participated will give some idea of the scope of such activities. Groups or individuals involved included: Soil Conservation Society, news media reporters, a consulting engineer group, conservation education class, student research workers, and cooperative university research interest groups.

Division staff members made numerous presentations before various groups throughout the state, including: State fair, school classes, county boards, conservation groups, radio programs.

technical reclamation organizations including the National Association of State Land Reclamationists and a reclamation association in Appalachia. It should be noted that legislative changes, as had occurred in 1975, sharply increases the flow of questions, inquiries and communication responses in order to keep the public informed about those legal changes and explaining the ramifications of interest.

As mentioned previously, under discussion of bond forfeiture work, a significant tree planting project was completed during 1975. Under two separate tree planting contracts, a total of 187,000 tree seedlings were planted under terms where the Division purchased and delivered the planting stock and supervised the planting work and did so without undue interruption of continuing regular duties. On areas reclaimed for forage production, the Division purchased 1,132 pounds of grass and legume seed and used their own staff to do the seeding work, because it was feared that time delay caused by contract bidding requirements might delay seeding work beyond preferred seeding time.

One staff member was appointed, in 1975, by the U.S. Geological Survey, to serve on a National Technical Advisory Committee that is working on the preparation of a manual on land

reclamation especially designed for planning workers.

One brief comment about the preparation of this report may be in order. Staff members already fully committed with regular duties, on an ad hoc basis, prepare the data and create this Annual Report. This, hopefully, explains the "unvarnished" nature of this report, manifested by absence of illustrations, pictures, and charts. Perhaps, through added zeal and resourcefulness, future reports might reflect such improvement, at least to some degree.

#### APPENDIX

NOTE: Appendix tables concerning surface mining permit acreage involve data about permits issued between July 1, 1975 through December 31, 1975.

Appendix tables concerning refuse disposal permit acreage involve data about acreage permitted between January 1, 1975 through December 31, 1975.

All appendix tables pertain to the Surface-Mined Land Conservation and Reclamation Act.

**TABLE A**SUMMARY OF APPROVED PERMIT RECLAMATION PLANS ON ACREAGE TO BE MINED

	Industrial Total	159.35 6,701.00 31.77 522.07 34.00 70.29	2.57 7,431.36
Forest		51.00 5.00 14.00 37.70 2.00	109.70
Wildlife		7.00	7.00
Recreation		7.00	104.00
Pasture	Max. Grade of 15%	3,195.65 471.30 20.00 32.59 22.00	3,741.54 50.35
	Darkened Surface Soiling	45.00	45.00
	Approximate Original Grade with Rock Limitations	2,791.00	2,791.00 37.56
	Approximate Original Grade	442.00	442.00
Product		Coal Limes Sand Sand Sand Sand Francis	TOTALS. PERCENT

TABLE B
STATE MODIFICATION OF PERMIT RECLAMATION PLANS BY MODIFICATION CATEGORY

Number of Reclamation Plans Modified by County	Approximate Original Grade	Approximate Original Grade with Rock Limitations	Grading	Seeding & Stocking	Drainage	Haulage Road G Drainage Ditch Reclamation	TOTALS
COAL Galletin Jackson Perry Randolph Stradelph St.Cari	14.00	22.00		111.00	235.00 48.00 232.00 80.00 232.70	132.60	111.00 235.00 14.00 70.00 493.60 80.00 277.00
TOTALS	14.00	22.00		240.00	827.70	176.90	1,280.60
LIMESTONE Hancock Union Varmilion			2.00		5.00		2.00 5.00 30.00
TOTALS			32.00	:	2.00		37.00
CLAY & SHALE Pulaski Tarewell			1.00		3.00		3.00
TOTALS			1.00		3.00		4.00
SILICA SAND NONE SAND SAND SAND SAND SAND SAND SAND SAND							
GRAND TOTALS 23	14.00	22:00	33.00	240.00	835.70	176.90	1,321.60

TABLE C
SUMMARY OF APPROVED RECLAMATION PLANS
ON REFUSE DISPOSAL PERMIT ACREAGE

		Recla	mation Type	
Product	Type of Refuse	Pasture	Non- Vegetation	TOTALS
			Acres	
Coal	Gob Slurry	116.00	490.86	116.00 490.86
TOTAL COAL REFUSE		116.00	490.86	606.86
Limestone Clay & Shale Silica Sand. Sand & Gravel	Slurry None Slurry None	2.00	10.70	2.00
TOTALS		118.00	501.56	619.56

### TABLE D MINING PERMIT LANDS—SUMMARY OF LAND USES DURING PRECEDING FIVE-YEAR PERIOD

Product	Crop	Pasture	Forest	Industrial	TOTALS
Coal. Limestone Clay & Shale Silica Sand Sand & Gravel	3,547.00 314.80 8.30 25.97 63.00	1,036.95 45.50 6.00  28.50	2,080.85 148.77 9.70 34.27 12.50	36.20 13.00 10.00 10.05	6,701.00 522.07 34.00 70.29 104.00
TOTALS	3,959.07 53.28	1,116.95 15.03	2,286.09 30.76	69.25 0.93	7,431.36 100.00

TABLE E
REFUSE PERMIT LANDS - SUMMARY OF LAND USES DURING PRECEDING FIVE-YEAR PERIOD

		!!	Land Has	Not Been Su	Land Has Not Been Surface Mined		Land Has	Land Has Been Surface Mined	Se Mined	
Product	Type of Refuse	Crops	Pasture	Forest	Industrial	TOTAL	Inclines & Pits	Pasture	TOTALS	
Coal	Gob Slurry	91.00	2:00	2.00	33.00	12.00	99.00	5.00	104.00	
TOTAL COAL REFUSE.		101.00	2.00	85.00	33.00	221.00	99.00	286.86	385.86	
Linestone Clay & Shale Sidna & Shale Sand & Gravel	Slurry None Slurry None				2.00	2.00	10.70		10.70	33
T0TAL		101.00	2.00	85.00	35.00	223.00	109.70	286.86	396.56	

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**TABLE F**ASSESSED VALUATION, BY OWNERSHIP, PER ACRE FOR MINE PERMIT ACREAGE

						OQ	DOLLARS PER ACRE	ACRE					
Product	Surface Ownership	149	55-99	100-149	150-199	200-249	250-299	300-349	350-399	400-499	500-599	600 to 1000	Total Ownership Acres
Coal	Individual Company	276.30 430.55	653.70	174.50		80.20 989.00	643.20	11.00		10.00	18.00		1,848.90
TOTAL		706.85	2,493.00	1,227.95	:	1,069.20	1,065.00	11.00	:	110.00	18.00		6,701.00
Limestone	Individual Company	67.00	91.95 15.25	27.70	27.00	31.00	14.00	20.50	5.00	10.00		72.7	296.92 225.15
TOTAL		112.05	107.20	39.70	54.45	119.90	20.00	20.50	9:00	36.00	:	7.27	522.07
Clay & Shale	Individual Company	3.00		3.00	3.00	14.00	10.00					1.00	6.00
TOTAL		3.00		3.00	3.00	14.00	10.00		:	:	:	1.00	34.00
Silica Sand	Individual Company	::		12.51		12.00	18.58					25.70	24.51 45.78
TOTAL			:	12.51	:	13.50	18.58		:::::::::::::::::::::::::::::::::::::::	:	:	25.70	70.29
Sand & Gravel	Individual Company	::		2.00		11.00	52.00			28.00		11.00	13.00
TOTAL		:		2.00		11.00	52.00			28.00		11.00	104.00
GRAND TOTAL ACRES		821.90	2,600.20	1,285.16	57.45	1,227.60	1,165.58	31.50	2.00	174.00	18.00	44.97	7,431.36
Percent of Total (All Products)		11.06	34.99	17.29	72.0	16.52	15.69	0.42	0.07	2.34	0.24	0.61	100.00

TABLE G
SUMMARY OF SURETY BONDS HELD FOR SURFACEMINING PERMITS AND REFUSE LAND PERMITS

		Surface Mining	Permits	R	efuse Land I	Permits
Product	No. of Bonds	Acres Under Bond	Bond Held in Dollars	No. of Bonds	Acres Under Bond	Bonds Held in Dollars
Coal Limestone Clay & Shale Silica Sand Sand & Gravel	66 57 7 5 6	6,701.00 522.07 34.00 70.29 104.00	6,847,950.00 513,670.00 33,200.00 70,590.00 104,000.00	16 1 1	606.86 2.00 10.70	414,516.00 2,000.00 8,600.00
TOTALS	141	7,431.36	7,569,410.00	18	619.56	425,116.00

### TABLE H ACREAGE BEING MINED SUMMARZIED BY TECHNIQUE EMPLOYED AND MINERAL PRODUCT

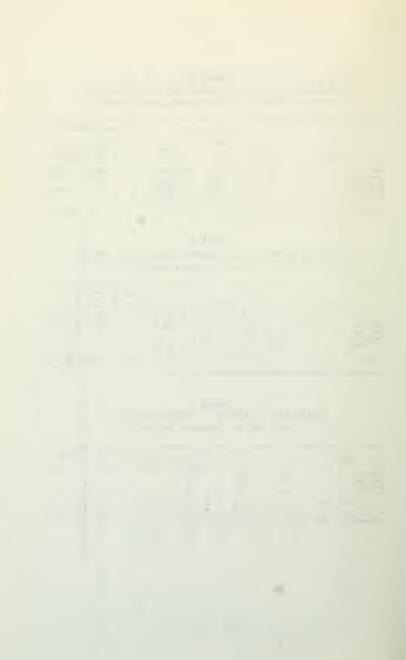
Product	Dozer & Scraper	Dragline	Shovel	Dragline & Shovel	Wheel & Shovel	Misc. *1
Coal	69.00	2,168.50	1,982.55	597.00	1,535.00	348.95
Limestone	322.57 16.00	184.50 18.00	15.00			
Silica Sand	70.29					
Sand & Gravel	92.00	12.00				
TOTALS	569.86	2,383.00	1,997.55	597.00	1,535.00	348.95

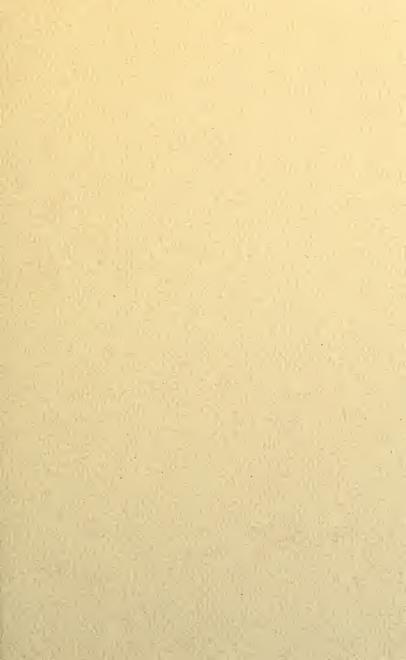
<sup>\*1</sup> Acreage permitted for a specific use (Haulage Roads, Drainage Ditches, etc.)

### TABLE I SUMMARY OF MINING OVERBURDEN DEPTH CATEGORY BY MINERAL PRODUCT

Product	0-10 Ft.	11-25 Ft.	26-50 Ft.	51-75 Ft.	76-100 Ft.	Misc. *1
Coal	35.00 13.00 91.00	46.00 219.37 19.00 39.71 11.00	1,746.00 267.70 2.00 30.58 2.00	2,707.75	1,873.30	327.95
TOTALS	139.00	335.08	2,048.28	2,707.75	1,873.30	327.95

<sup>\*1</sup> Acreage permitted for a specific use (Haulage Roads, Drainage Ditches, etc.)







### DIVISION OF OIL AND GAS

State Office Building, Room 704 400 South Spring Street Springfield, Illinois

George R. Lane, Petroleum Engineer

### OIL AND GAS BOARD

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and Minerals

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James Jordan, Mt. Auburn, Illinois Fred Seip, Centralia, Illinois

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Clerk Typist .......Mary Weinheimer, 538 N. Grand West, Springfield, Illinois

Clerk Typist . . . . . . . . . Dianne Vose, 2036 N. 7th, Springfield, Illinois

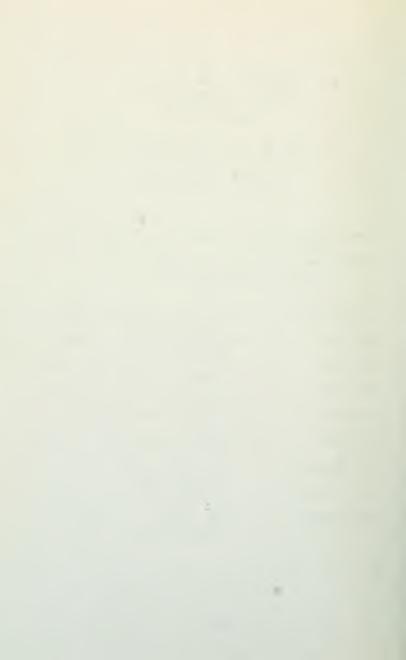
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Clerk Stenographer . . . . . Sharon Stannard, 7 Lansing Dr., Springfield, Illinois



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WATER INPUT WELLS-1975	. 20
WATER INPUT WELLS-1975	
Christian County Clay County Clinton County Crawford County Cumberland County Edwards County Effingham County Fayette County Franklin County Gallatin County Hamilton County Jasper County Jefferson County Lawrence County Macoupin County Marion County Marion County Shelby County Wabash County Washington County Wayne County Wayne County White County White County Williamson County	. 20 . 20 . 20 . 23 . 23 . 23 . 23 . 23 . 24 . 24 . 24 . 25 . 26 . 26 . 26 . 26 . 27

### WELLS PLUGGED IN

	age
Adams County	 28
Bond County	28
Brown County	28
Christian County	28
Clark County	 29
Clay County	 32
Clinton County	34
Coles County	 35
Crawford County	 36
Cumberland County	 40
Douglas County	 40
Edgar County	 41
Edwards County	41
Effingham County	 42
Fayette County	 42
Franklin County	
Gallatin County	44
Hamilton County	 45
Hancock County	
Iroquois County	47
Jackson County	
Jasper County	47
Jefferson County	47
Johnson County	48
Lawrence County	48
McDonough County	
Macon County	49
Macoupin County	49
Madison County	50 50
Marion County	
Montgomery County	51 51
Moultrie County	51
Perry County	51
Pope County	51
Randolph County	51
Richland County	53
St. Clair County	53
Saline County	53
Sangamon County	 54
Schuyler County	 54
Shelby County	55
Vermilion County	 33

Wabash County Washington County Wayne County White County Williamson County  PRODUCING OIL WELLS (Permits Completed in 1975)	55 56 57 60
Bond County Christian County Clark County Clay County Clip County Clip County	63 63 63 63 64 65
Crawford County Edgar County Edwards County Effingham County Fayette County Franklin County Hamilton County	65 66 66 67 67
Jasper County Jefferson County Lawrence County Macon County Macoupin County Madison County	67 68 68 69 69
Perry County Randolph County Richland County Saline County Sangamon County Shelby County	69 70 70 70 70 70 70
Washington County Wayne County White County	72 72 73 75

### THE MOST ACTIVE OPERATORS IN ILLINOIS DURING 1975 ON THE BASIS OF OIL PERMITS ISSUED

FIRST: Marathon Oil Company, P. O. Box 277, Bridgeport, Illinois 62417

SECOND: C. E. Brehm d/b/a C. E. Brehm Drilling & Producing, P. O. Drawer 648, 1318 Salem Road, Mt. Vernon, Illinois 62864

THIRD: Don W. Slater, P. O. Box 477, Fairfield, Illinois 62837

FOURTH: Energy Resources of Indiana, Inc., P. O. Box 595, Lawrenceville, Illinois 62439

FIFTH: Gilbert A. Higgins, P. O. Box 144, Mt. Carmel, Illinois 62863

SIXTH: Juniper Petroleum Corporation, Mid-Continent Division, P. O. Box 469, Fairfield, Illinois 62837

SEVENTH: Jack Hobson & T. J. Hobson d/b/a Hobson Oil Company, 2073½ North Dort, Flint, Michigan 48506

EIGHTH: Daniel R. Leavell d/b/a Used Oil Field Equipment, Route 460 East, Carmi, Illinois 62821

NINTH: Spartan Petroleum Company, P. O. Box 812, Mt. Carmel, Illinois 62863

TENTH: Booth Oil Company, Inc., P. O. Box 158, Flora, Illinois 62839

### 7

# DEPARTMENT OF MINES AND MINERALS DIVISION OF OIL & GAS

phone 217-782-7756 phone 217-546-1100		150 Clark, Cumberland, Edgar Vermilion	28 Crawford	34Off. Gallatin, Saline 44Res.	72(or) Champaign, Coles, Douglas 91 Moultrie, Piatt	71 Effingham, Jasper 52Alt. (Richland-Inspection only)	46 Edwards (Richland-Plugging only)	71 Christian, DeWitt, Logan, McLean, Macon, Sangamon	36 Cook, DuPage, Ford, Grundy, Iroquois, Kankakee, Kendall, Livingston, Will	31 White	56Res. Boone, DeKalb, Kane, Lake, 58Off. McHenry, Winnebago	
PETROLEUM ENGINEER GEORGE R. LANE. Springfield, Illinois	WELL INSPECTORS	APPLEGATE, Glen, R. R. 2, Casey 62420217-932-2050	BRACKETT, Bobby D., P. O. Box 226, Robinson 62454618-544-7228	BRADLEY, Edward A., Junction 62954	CLIFTON, Everett Riley, R. R. 1, 3500 Grant St., Mattoon 61938 217-235-3672(or) 217-235-3691	FRITSCHLE, Marion, R. R. 1, West Liberty 62475	GARMAN, Harold A., 205 N. 7th, Albion 62806	GIBSON, Harold G., R. R. 1, Blue Mound 62513217-692-2671	HIBNER, Raymond, R. R. 1, Elwood 60421	KIRK, Charles R., 216 Park Lane, Carmi 62821	LEFEW, William R., 806 E. McKinley St., Harvard 60033815-943-4566Res. 815-943-64680ff.	MARTIN, Tom L., 1304 E. St. Louis, West Frankfort 62896618-937-1200

Bond, Madison, Monroe St. Clair (Temp.) Clinton, Randolph, Washington	Greene, Jersey, Macoupin, Montgomery	Adams, Brown, Calhoun, Cass, Fulton, Hancock, McDonough, Mason, Menard, Morgan, Pike, Schuyler, Scott, Tazewell, Woodford	Hamilton, Jefferson	Wayne	Wabash (Lawrence-Plugging only)	Fayette, Shelby	Clay (Temp.) Marion	Bureau, Carroll, Henderson, Henry, JoDaviess, Knox, LaSalle, Lee, Marshall, Mercer, Ogle, Peoria, Putnam, Rock Island, Stark, Stephenson, Warren, Whiteside		(Lawrence, Crawford 5N & 6N Inspection only)	Alexander, Hardin, Jackson, Johnson, Pope, Massac, Pulaski, Union, Williamson (Temp.) Perry
MOLINAR, Dominic, 721 E. Clay, Collinsville 62234	NEWMAN, William T., R. R. I, Gillespie 62033217-839-2785	PFRIMMER, Charles, New Canton 62356	PRINCE, Floyd A., P. O. Box 263, McLeansboro 62859 618-643-2678	SORK, Marshall, R. R. 4, Fairfield 62837618-842-2085	SPOND, Cleo, R. R. 3, Mt. Carmel 62863	ST. PIERRE, Max M., Beecher City 62414	UPCHURCH, John R., Route 1, Flora 62839	WIRTH, Edward L., R. R. 1, Wyanet 61379	POLLUTION CONTROL OFFICERS STURM, Lenard R., 312 W. Commerce, Grayville 62844	WARNER, Errett, R. R. 3, Lawrenceville 62439	FIELD SUPERVISOR ROGERS, CHARLES, 504 N. 20th, Herrin 62948

### DIVISION OF OIL AND GAS

The Division of Oil and Gas of the Department of Mines and Minerals is required to enforce the provisions of "An Act in Relation to Oil, Gas, Coal and Other Surface and Underground Resources," and the Rules and Regulations formulated pursuant to the provisions of the Act.

It is the duty of the Division to see that oil wells are properly spaced; to control the drilling and plugging of oil wells and wells drilled in connection therewith; to see that necessary precautions are observed to protect the workable coal seams through which wells are drilled and to prevent pollution of land and fresh water

supplies resulting from oil field operations.

Permits must be obtained from the Division of Oil and Gas before wells are drilled for oil, gas, watersupply, water input, gas input, air input, salt water disposal, and structure test. In 1975, 1,241 such permits were issued. The Law requires that for each well drilled or acquired, the operator must furnish the Division with bond coverage to guarantee the eventual plugging of the well with the satisfactory restoration of the well site. The State oil well inspectors are in attendance to supervise the plugging of all abandoned drill holes, which in 1975 numbered 1,498.

The Division furnishes copies of permits and plugging affidavits to the State Geological Survey, and is charged with the responsibility to seeing that well logs and cuttings are sent to the Survey. The Division also receives and records completion data on wells drilled.

The Rules and Regulations of the Division provide for the calling of public hearings, upon written request of any interested person, for the purpose of taking action with regard to any matter within the jurisdiction of the Department. All such hearings are made of record in the Division and are open to public inspection.

The Oil and Gas Board consists of four members and the Director of the Department, and is subject to call by the Mining Board for advice and consultation on matters pertaining to the oil and gas industry.

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED, OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1975

permits completed in 1976 1976 1976 1976 1976 1976 1976 1976	z	Number of Other Fee Permits Issued	ee Permits Issue	P		Number Permit	Number of No Fee Permits Issued
8 9 1 3 3 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	lt Water bsal input	Observa- tion well	Gas	Air	Gas storage	Structure	Water supply
24							1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	:	:	:	:	:	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							0.0000000000000000000000000000000000000
150 150 150 150 150 150 150 150 150 150	:	:		:		:	
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# SUMMARY BY COUNTIES OF THE NUMBER OF WATER WELL PERMITS ISSUED DURING 1975

Morgan Moultine Ogle Perry Piatt Perry Piatt Pixet Pix	
Hardin Henderson Henderson Henderson Jackson Jasper Jefferson Jersey Jefferson Jeferson Jefferson Jeffers	
Adams 74 Alexander 7 Boond 96 Brown 10 Brown 10 Carroll 2 Carroll 3 Cook 315	

### SALT WATER & WASTE DISPOSAL (PERMITS ISSUED IN 1975)

OPERATOR	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
HRISTIAN COUNTY	A silve Control of the silve C	ODANI ODANIA CECNE CIVI C. C. O JEN DIM	13C44 VOCA + 2000 - 11.00	1000
Comanche Oil Corp	*Dipper #1	330'S 330'W NEC SE SW Sec. 11 15N 1W	Silurian 1898'-1923'	G.L.604′
Ralph H. Edwards J. W. Rudy Company, J. W. Rudy Company, J. W. Rudy Company, J. W. Rudy Company,	*Stutesman E+#2 SWD *Cox #1-A-SWD *Cox #3-A SWD *H.C. Lee #1-SWD *Liffick #1-SWD	220'S 220'F NWC NE Sec. 27 9N 14W 320'S 330'F NWC SE NW Sec. 29 1N 10W 330'S 330'F NWC NE NE Sec. 30 11N 10W 380'S 225'W NE SEW NE SEC. 30 11N 10W 380'S 398'W NE SE Sec. 30 11N 10W	Penn. 558'-608' Devonian 2001'-2019' Devonian 205'-2065' Devonian 205'-2048' Devonian 2060'-2048	G.L. 560.1' G.L.456' G.L.538' G.L.538'
LAY COUNTY				
David F. Herley David F. Herley Mary C. Beeson Don Durr	• Bertha Gill #1 • Strange #1-SWD • Modlin #2 SWD • Tackett #1	330'S 330'E NVV.C Sec. 14 2N 7E. 330'N 990'W SEC NEW Sec. 14 2N FE. 330'S 330'W NEC SEC Sec. 36 3N SE. 330'S 330'W NEC SEC SEC SEC SES 36 3N SE.	Penn. 1825'-1900' Penn. 1600'-1800' Benoist 2680'-2750' Benoist 2711'-2749'	G.L.447.3' G.L.534'
Don Durr	*Tackett #2	330'N 330'W SEc SW SW Sec. 36 3N 5E	Rehault 27/4 - 2782 Aux Vases 2895 - 2809' Benoist 2709' - 2745' Renault 2790' - 2890'	G.L.525′
Texaco Inc. Shelby A. & Sylvia Britton Woodrow Franklin Tom Kiernan	*John Paul Kincaid #2 *Jawell Leonand #1 *H. Franklin #1 *Oboikovitz #1-A	330'S 990'W NE-NW NE Sec. 28 4N 6E 330'S 330'W NE-NW SW Sec. 3 4N 7E 330'N 3310'W SEC Sec. 3 5N NE	Aux Vases 2807'-2833' Tar Springs 2262'-2272' Aux Vases Penn, 1340'-1380' Aux Vases 2360'-2378'	G.L.525' G.L.503' G.L.480' G.L.460'
Robison Oil Company	*E.R. Bateman #1	330'S 990'W NEc NW NW Sec. 25 5N 7E	Rosiclar 2437'-2441' Cypress 2540'-2560'	G.L.533' G.L.491'
LINTON COUNTY				
Herman L. Loeb	*Murphy Heirs #2	990'N 330'E SWc SE Sec. 3 2N 3W	Cypress 1058'	G.L.459'
OLES COUNTY				
Elton M. Botts	*Uphoff #5 SWD	330'S 270'E NWc Sec. 25 12N 7E	Cypress 1838'-1842'	G1 720'
Energy Producers, Inc	*Tynan Heirs #5	160'S 75'E NWc SW Sec. 35 12N 7E	Penn. 1378'-1500'	G.L.749'
RAWFORD COUNTY				
Marathon Oil Company	M-1 S.W.D.W. #1	116'N 767'E SWc Sec. 15 6N 13W.	Robinson	G.L.469'

## SALT WATER & WASTE DISPOSAL (PERMITS ISSUED IN 1975)

OPERATOR	WELL (*=Converted well)	LOCATION	FORMATION	ELEV.
Marathon Oil Company E. L. Whitmer Inc. Black and Black Oil Co.	M-1 S.W.D.W. #2 *Richart Heirs #1 S.W.D.	1680'S 2280'E NWe Sec. 22 6N 13W 660'S 890'W NEc NW Sec. 35 6N 13W 660'N 330'E SWe Sec. 1 7N 14W.	Salem St. Louis 1502-1522 St. Louis 1509-1017	G.L.478' G.L.494' G.L.505'
Laholi, Inc	Cora Ryan #7	1165'N 102'E SWc Sec. 21 21N 3E	St. Peter 2220'-2275'	G.L.811.8′
Cabot Corporation	Cabot-Tuscola #2	1235'N 471'W SEc SW SE Sec. 31 16N 8E	Potosi Dolomite	G.L. 690'
Dudley Oil Field Operations	*Brinkerhoff A #5	665'S 665'W NEc NW NW Sec. 10 13N 13W	Penn. 405'-427'	G.L.441′
Juniper Petroleum Corp. Texaco Inc.	*Nolan #22X 4 SWD *** George Works #2 (North Well) ***	330'V 350'W SE SWNE Sec. 4 IN 10E 330'S 990'W NE SE SE Sec. 13 2S 10E	Penn, 1260-1830 Cypress 2800'-2810' Benoist 2968-2977 2977'-2886 Aux Vases 2685'-3072' McClosky I 3120'-3192' McClosky I 3180'-3190'	G.L.436'
EFFINGHAM COUNTY			McClosky III 3198'-3212'	G.L.485
Ray Neihls & Mary Neihls	*Roy Workman #3	330'N 548'W SEC SW NW Sec. 7 8N 4E	Cypress	:
RK Petroleum Corp	*Freeman (SWD) #1	148'N 117'W SEC NE SW Sec. 31 6S 3E	Aux Vases 2744'-2754'	G.L.406′
Wavell Burton	Reeves Comm. #1	330'S 950'W NEc Sec. 24 6S 6E	Penn. 1560'-1750'	G.L.396.3′
N.A. Baldridge	*J.A. Ellis #1	330'N 990'E SWc SE Sec. 19 1S 4E	Cypress 2400'-2450'	G.L.510.7'

LAWRENCE COUNTY				
Televest Exploration, Inc.	Rogers Heirs #1-SWD Pinkstaff #1-SWD	660'N 660'F SWc SE SW Sec. 17 3N 12W. 275 S 150'W NEc NW NW Sec. 11 4N 11W.	Cypress 1680'-1710' Tar Springs 1140'-1250'	G.L.491′ G.L.480′
Vey-Nis Oil & Production, Inc. Vey-Nis Oil & Production, Inc. Vey-Nis Oil & Production, Inc. MARION COUNTY	• Hunecke #4-A SWD • Sievers #6 SWD • Henke #1	477'N 32Z'E SW¢ NW SW NW S&¢. 17 6N 6W 630'N 33D'E SW¢ NW SE S¢c. 17 6N 6W. 280'N 33D'W SE¢ NE S¢c. 18 6N 6W.	Penn . 589′ Penn . 570′-582′	G.L.5997 G.L. 5947
Charles Voss & Tracy SnyderRICHLAND COUNTY	•Warfield #1SWD	223'N 741'E SWc SE Sec. 5 2N 1E	Tar Springs 775'-925'	G.L.518'
Kenneth R. Freed. Alva A. Runyon Doyle Sharrett, Ada Sharrett,	*Hilderbrand SWD #1*A. Runyon #1	610'S 1015'E NWC SEC. 12 2N 9E 330'N 330'E SWC SE SEC. 14 3N 9E	McClosky 3150° 3180°	G.L.411' G.L.441'
C. L. Glover, Belton Y. Glover d'Di a Beltair Oil Co. Neil Brooks.	*Koerrge Cons. #1 •O.B. Voight #A-1	330'S 330'W NEC NW Sec. 33 3N 10E. 330'S 330'E NWC SW SW Sec. 21 4N 10E.	Cypress 2558* 2578'	G.L.439' G.L.457'
Homeier Oil Enterprises, IncSHELBY COUNTY	*Pritchett Comm. #1	330'N 330'E SWc SE NE Sec. 26 16N 2W	Burlington 1500'-1560'	G.L.569′
Schaefer Oil Co	*Flenner #1	330'N 330'W SEc NE NW Sec. 17 10N 4E	Benoist 1774'-1782'	D.F.602′
Spartan Petroleum Co	Robert Mounts #1-SWD.	990'N 990'E SWc Sec. 13 15 13W 56'N 115'E SWc NW NW Sec. 27 25 13W.	Tar Springs 1987'-2044' Tar Springs	G.L.459′ G.L.393′
Fletcher F. Farrar	*Jones #2-SWD.	330'S 330'W NEc SW SE Sec. 26 3S 3W	Cypress 1138'-1150'. 1168'-1180'	100000000000000000000000000000000000000
Alene Blades Afene Blades Afene Blades Bladon Bort (vil & Republic Oll Co, Inc. Bladon Dort (vil & Republic Oll Co, Inc. Bobinson Production, Inc. Just Hobsan Oll Company Juniper Petroleum Corp.	Otto Shelton #2 Fella Ellis #1 Assa Lee #2 'M. Powell #1-A. L'Idisyere (ill #1 'Vivies S.W.D. #1 'J.A. Wylie #21-22 SWD	312'N 320'E SWG, Sec. 28 1N 5E 320'N 320'E SWG, Sec. 27 1N 5E 330'N 320'E SWG, SWG, S3 1N 5E 330'N 320'E SWG, SWG, SG, 27 1N 8E 330'N 320'E SWG, SEG. 27 1N 5E 330'N 320'E SWG, SEG. 11 1S 8E 330'S 660'W NE NW Sec. 22 1S 8E	O'Heaa . 2819 . 2826' Auu Vassa 2865 . 2811 Auu Vassa 2867 . 2911 Auu Vassa 2867 . 2917 Cypress 2880 - 2916 Cypress 2882 . 2946' Aux Vassa 3070 . 3080'	6.1.452 6.1.488 6.1.487 6.1.4317 6.1.432 6.1.426

## SALT WATER & WASTE DISPOSAL (PERMITS ISSUED IN 1975)

ОРЕВАТОВ	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
HITE COUNTY				
Coy Oil, Inc.	*Kerwin #1	330'N 330'W SEc Sec. 30 3S 8E	Hardinsburg 2750'-2770'	G.L.373′
Sam TippsL. D. Sawyer Estate	*McIntosh #1.	330'S 330'W NEC NW SW Sec. 30 3S 8E	Cypress 3010'-3050'.  Tar Springs 2490'-2500'.	G.L.374'
Elmer M. Novak	*Metcalf #4-A *Verla Peterson #1.	330'S 430'W NEC SE NE Sec. 31 3S 14W. 330'N 330'W SEC NE SW Sec. 36 5S 9E.	Tar Springs 2259'-2275' Cvpress 2970'-2990'	G.L.384'
Fletcher F. Farrar	*Austin Well #26-W SWD	801'N 257'W SEc SW Sec. 24 6S 8E 330'N 976'W SEc SW Sec. 24 6S 8E	Tar Springs 2388 - 2470'	G.L.464' G.L.450'
C. E. Brehm Drilling & Producing	*S.V. Bayley #6-A	310'S 330'W NEc NW SE Sec. 3 7S 9E		G.L.487′
C. E. Brehm Drilling & Producing	*Brehm #"E".8	330'S 330'E NWc SE Sec. 18 7S 10E	Tar Springs 2325'-2335'	G.L.414′
C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	*Curtis #2	330'S 1650'E NWc SW Sec. 207S 11E	Degonia 1789′-1796′ Tar Springs 2132′-2136′	G.L.353′

## GAS INPUT & STORAGE (PERMITS ISSUED IN 1975)

ELEV.	G.L.760 G.L.760 G.L.745 G.L.745 G.L.747 G.L.747 G.L.747 G.L.747	D.F.381' G.L.374' G.L.384'	G.L.612.43° G.L.605.44°	G.L.699.1' G.L.651' G.L.647.1'	G.L.738.05' G.L.747.02' G.L.747.01'
FORMATION	Mt. Simon Mt. Simon 3977 4077 Mt. Simon 3977 4077 Mt. Simon 3907 4300 Mt. Simon 3907 4300	Palestine 1825 · 1865′ Tar Springs 2280′-2300′ Tar Springs 2280′-2300′ Tar Springs	Mt. Simon Mt. Simon	Galesville Mt. Simon Mt. Simon	Mt. Simon Mt. Simon Mt. Simon
LOCATION	449'S 1410'E NWC Sec. 3 20N'F. 70'S 70W NWE SWS SAC. 2711/F. 73'S 123'W NE NWE SWS SAC. 2711/F. 73'S 123'W NE NWE SWS SAC. 9 21N'F. 20'S 186'W NE SWS Sec. 15 21N'F. 84'N 28'W SE NW SE SEC. 15 21N'F. 84'N 28'W SE NW SEC. 15 21N'F. 86'N 66'W SEC SEC SWW SWS CC. 92'N'F. 75'N 76'E SWY SW SWW Sec. 29 21N'F. 75'N 76'E SWY SW SWWW Sec. 29 21N'F.	330°N 330°E SWo NW SE Sac., 3 8S 8E 330°N 330°E SWo SE SE SW Sac., 28 7'S 9E 330°N 330°W SE NE SW Sac., 28 7'S 9E 330°S 330°E NW G SE SEC. 28 7'S 9F	68'N 990'W SEC NE Sec. 4 30N 9E. 91'S 1128'W NEC NE Sec. 4 30N 9E.	94'N 199'W SE NW NW Sec. 33 28N BE 66'N 100'E SWC-NW SW Sec. 18 30N 3E 100'N 100'E SWC-Sec. 30 30N 3E	330'N 130'F SWC SW NE NW Sac 5 6N 3W 330'S 330'E NWC NW SE SE Sac. 71 7N 3W 200'S 1226'W NEG NE Sac. 31 7N 3W
WELL (* = Converted well)	R. Weinard #1 W. Hanks #1 V. Wikins #2 Fee #5 O. Bidner #2 K. Canny #1 M. Plunk #2 M. Plunk #2 W. Provine #1	Edwards Comm, #1  **Mills #1  **Mills #2  Chloe Spence #1	F. D. King #1	Fienhold #102 Sixt #2. W. Kenney #1	Burdett Knappenberger #SM-10. Harry Chenoweth #5M-9 Fred Hainline #SM-11.
OPERATOR	CHAMPAIGN COUNTY Peoples Gas Light & Coke Co.	Egyptian Gas Storage Corp. Egyptian Gas Storage Corp. Egyptian Gas Storage Corp. Egyptian Gas Storage Corp. KANKAKEE COUNTY	Natural Gas Pipeline Co. of America Natural Gas Pipeline Co. of America LIVINGSTON COUNTY	Northern Illinois Gas Co. Northern Illinois Gas Co. Northern Illinois Gas Co. MCDONOUGH COUNTY	Central Illinois Public Service Central Illinois Public Service Central Illinois Public Service

## GAS INPUT & STORAGE (PERMITS ISSUED IN 1975)

ELEV.	GL771.4' GL784' GL784' GL737.7' GL737.7' GL733.5' GL723.5'
FORMATION	Mt. Simon 3800: 3875: Mt. Simon Mt. Simon Mt. Simon Mt. Simon Mt. Simon Mt. Simon
LOCATION	74.7N 1194.8W SEANE SEBOR 2 24N 2E 100N 1007 SEANCE SON 96 36.25N 2E 161F SIMC NW SNV 8c 36.25N 2E 100N GEWN ES 96 32N 3E 160S GEWN ES 96 32N 3E 66S 100F WNE SEAN SEC 25.8N 3E 66S 100W MEC NE NEW SEC 30.28N 3E
WELL (* = Converted well)	Feasiey #4. Taylor #4. Taylor #4. Cooke #6. Cooke #7. Hitch #7. M Wilson #5.
ОРЕКАТОЯ	CLEAN COUNTY Northern Illinois Gas C.

### WATER SUPPLY (PERMITS ISSUED IN 1975)

OPERATOR	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
CHRISTIAN COUNTY Joe Simpkins Oil Developments	Kincaid Unit Water Supply Well #1	50'S 250'E NWc Sec. 11 13N 3W	Water Sand	G.L.560′
CRAWFORD COUNTY Coy Oil, Inc.	Max Hodson #1 W-S	173'N 812'W SEc SW NE Sec. 7 5N 11W	Penn	G.L.520'
GALLATIN COUNTY				
Western Oils, Ltd	Harliss Johnson #1 W.S.	20'N 20'E SWc SE Sec. 21 8S 10E	Penn	G.L.343'
RICHLAND COUNTY				
Shakespeare Oil Co., Inc	M. Runyon #1, W.S.W. Tract 6	655'S 1235'E NWc SE Sec. 25 3N 9E	Penn.	G.L.425'
WABASH COUNTY				
Whiteside Oil Co	Courter Unit WSW #1	30'N 150'W SEc NW Sec. 24 1N 12W	Penn.	G.L.435'
WAYNE COUNTY				
M. J. Williams	Roscoe Jones Water Supply #1	400'N 370'W SEC Sec. 14.2S 9E 342'S 360'W NEC NW NE Sec. 23.2S 9E	Water Sand 450'	G.L.445' G.L.430'
WHITE COUNTY				
Joe O. Williams d/b/a J & H Oil Company	Gray Estate #6-WS	990'N 330'W SEc NW Sec. 31 3S 14W	Penn	G.L.414′

OPERATOR	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
CHRISTIAN COUNTY  Lee Simpkins Oil Developments.  Lee Simpkins	U.C. Bulpitt #1 U.C. Bulpitt #1 U.C. Bulpitt #3 Workerzie-Inron #1 Workerzie-Inron #1 Workerzie-Inron #2 Policierson-Glass Comm #1 Unton "0" Roggero-Glassbrock #2 Roggero-Glassbrock #2 Roggero-Glassbrock #2 Roggero-Glassbrock #2 Roggero-Harging #3 Rogge	330'N 330'E SWC SE NW Sec. 3 13N 3W. 330'N 330'E SWC SE NW Sec. 3 13N 3W. 330'N 330'E SWC NN EN WS. 25. 3 13N 3W. 330'N 330'E SWC SE NN EN SEC. 3 13N 3W. 330'N 330'E SWC SE NE SEC. 3 13N 3W. 330'N 330'E SWC SEC. 3 13N 3W. 330'N 330'E SWC SEC. 3 14N 3W. 330'N 330'E SWC SEC. 34 4N 3W. 360'N 330'E SWC SEC. 34 4N 3W. 360'N 330'E SWC SEC. 34 4N 3W. 360'N 330'W SEC. SWC SEC. 34 4N 3W. 360'N 330'W SEC. WS. SEC. 34 4N 3W. 330'N 330'W SEC. WS. SEC. 4 1SN 1W.	Devorian 1815-1832 Devorian 1815-1832 Devorian 1734-1813 Devorian 1724-1813 Devorian 1722-1803 Devorian 1795-1806 Devorian 1791-1806 Devorian 1781-1795 Devorian 1781-1795 Silvian 1807-1816 Devorian 1785-1774 Silvian 1875-1774 Silvian 1875-1887	0.1.591 0.1.592 0.1.593 0.1.59
CLAY COUNTY		TO NO CECECONO CE	Aux Vacce 2050'-2020'	
John M. Zanetis	*Hay Palmer #2	330'N 330'E SWC SE SE Sec. 3 ZN /E	Aux Vases 2950 -2370 Rosiclare 3053'-3061'. Cypress 2595'-2605'.	G.L.436' G.L.446'
McCollum & Kincaid	Toorn bible Grove Ont. U.A. (1801) 94 (E. Landwehr) #4	330'N 330'E SWc NW NE Sec. 8 5N 7E	Wailer 2481'-2515' Middle Cypress 2473'-2483'	K.B.531' G.L.519'
CLINTON COUNTY				
N. A. Baldridge	*Beckman #5	990'S 330'E NWc NE SE Sec. 13 1N 4W	Cypress 958'-965'	G.L.430′
Energy Resources of Indiana, Inc.	Valdez #FW-28	40'S 710'E NWc SW Sec. 1 5N 13W	Robinson 780'-800'.	G.L.439′
Energy Resources of Indiana, Inc	Due Heirs #VW-28	2'N 2'E SWc SE NW Sec. 2 5N 13W	1000'-1010'	G.L.465′
Energy Resources of Indiana, Inc. Energy Resources of Indiana, Inc. E. L. Whitmer, Inc.	Due Heirs #WW/28 Due Heirs #XW-28 Parker #TW-25.	Z'N 660'W SEc NW Sec. 25N 13W 10'N 30'W SEc NW Sec. 2 SN 13W 711'N 10'E SWC NW NW Sec. 2 SN 13W	1000*-1010* Robinson 780*-1010* Robinson 830*-860*	G.L.460' G.L.455' G.L.476'

G.L.476' G.L.470' G.L.474' G.L.478' G.L.480'	G.L.481' G.L.483'	G.L.478'	G.L.480' G.L.481'	G.L.479'	G.L.482'	G.L.482	G.L.483'	G.L.486′	G.L.475'	G.L.460°	G.L.485'	G.L.480'	G.L.476'	G.L.485'	G.L.487	G.L.487	G.L.486	G.L.471'	G.L.471	G.L.472'	G.L.459'	G.L.465°	G.L.455	G.L.455	G.L.455'	G.L.465	G.L.456'	G.L.456	G.L.458'	G.L. 480'	G.L.484	G.L.478	G.L.474
Robinson Robinson Robinson Robinson Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson
36'S 687'W NE. CE HE Sec. 2 SN 13W 700'S 5'W NEC SE NE Sec. 3 SN 13W 23010Y 289E SWC Sec. 156N 13W 2310Y 750'E SWC Sec. 156N 13W	2310'N 1083'E SWc Sec. 15 6N 13W 2776'N 1883'E SWc Sec. 15 6N 13W 2370'N 1967'E SWc Sec. 15 6N 13W	2310 N 2130 E 3WC 3eC, 13 W 13W 2772'N 2122'E 5WC Sec, 15 6N 13W 2776'N 283'E 5WC Sec, 15 6N 13W	3243'N 283'E SWc Sec. 15 6N 13W	2776'N 750'E SWc Sec. 15 6N 13W	3710'N 750'E SWC Sec. 150'N 3W	3243'N 1217'E SWC Sec. 15 6N 13W	3710'N 1217'E SWc Sec. 15 6N 13W	907'N 2672'E SWc Sec. 15 6N 13W	1399'N 2662'E SWc Sec. 15 6N 13W	2383'N 2662'E SWc Sec. 15 6N 13W	415'N 3176'E SWc Sec. 15 6N 13W	1399'N 3170'E SWC Sec. 15 6N 13W	1891'N 3176'E SWc Sec. 15 6N 13W	2383'N 3176'E SWc Sec. 15 6N 13W	907'N 3690'E SWc Sec. 15 6N 13W	1399'N 3690'E SWc Sec. 15 6N 13W	2383'N 3690'E SWc Sec. 15 6N 13W	1151'S 215'E NWc Sec. 22 6N 13W	516'S 215'E NWC Sec. 22 6N 13W	161'S 215'E NWc Sec. 22 6N 13W.	821'S 545'E NWc Sec. 22 6N 13W	491'S 545'E NWc Sec. 22 6N 13W.	16T'S 545'E NWC Sec. 22 bN 13W	821'S 875'E NWc Sec. 22 6N 13W	491'S 875'E NWc Sec. 22 6N 13W	161'S 875'E NWc Sec. 22 6N 13W.	R21'S 1205'F NWC Sec. 22 014 13W	491'S 1205'E NWc Sec. 22 6N 13W	161'S 1205'E NWc Sec. 22 6N 13W.	F60'S 4180'E NWVC Sec. 22 on 13W	77'S 4180'E NWc Sec. 22 6N 13W.	569'S 4647'E NWC Sec. 22 6N 13W	1061'S 2150'E NWc Sec. 22 6N 13W
Rosborough Heirs #RW-26 Rosborough Heirs #TW-27 Bassom & Siler M-1 #RR-4 Bassom & Silver M-1 #RR-4 Roseom & Silver M-1 #RR-6	W. Mann M-1 Well #RR-8	W. Mann M·1 Well #TT-10.	A. Riker M-1 #VV-2	A. Riker M-1 #TT-4.	A. Riker M-1 #XX-4	A Riker M-1 #11-6.	A. Riker M-1 #XX-6	Wakefield Hrs. M-1 Well #JJ-12	Wakefield Hrs. M-1 Well #NN-12	Wakefield Hrs. M-1 Well #RR-12	Ž.	Wakefield Hrs. M-1 Well #LL-14	ż	Wakefield Hrs. M-1 Well #RR-14	Wakefield Hrs. M-1 #LL-16.	Wakefield Hrs. M-1Well #NN-16.	Wakefield Hrs. M-1 #RR-16	J.N. Burch M-1 Well #D-2	J.N. Burch M-1 Well #F-2	J.N. Burch M-1Well #J-2	J.N. Burch M-1 Well #D-4	J.N. Burch M-1 Well #H-4	J.N. Burch M-1 Well #J-4.	J.N. Burch M-1 Well #F-6	J.N. Burch M-1 Well #H-6	J.N. Burch M-1Well #J-6	IN Burch M-1 Well #F-8	J.N. Burch M-1 Well #H-8	J. N. Burch M-1Well #J-8.	E.E. Martin M-1 Well #DD-18	E.E. Martin M.1 Well #HH-18	E.E. Martin M-1 #FF-20.	H. Martin M-1 Well #DD-10
Energy Resources of Indiana, Inc. Energy Resources of Indiana, Inc. Marathon Oil Company Marathon Oil Company	Marathon Oil Company Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company		Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company		Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Mazathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	Marathon Oil Company	0	Marathon Oil Company

OPERATOR	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
Marathon Oil Company Marathon Oil Company Marathon Oil Company	H. Martin Well #F-10 H. Martin M-1 Well #H-10. H. Martin M-1 Well #J-10.	821'S 153FE NWC Sec. 22 6N 13W 491'S 153FE NWC Sec. 22 6N 13W 161'S 153FE NWC Sec. 22 6N 13W	Robinson Robinson Robinson	G.L.474' G.L.456' G.L.457'
Marathon Oil Company	H. Martin Well #D-12 H. Martin Well #F-12	1151'S 1865'E NWC Sec. 22 6N 13W 817'S 1865'E NWC 8c. 22 6N 13W 817'S 1865'E NWC 8c. 22 6N 13W	Robinson	G.L.473' G.L.478' G.L.461'
Marathon Oil Company Marathon Oil Company Marathon Oil Company	H. Martin M-1 Well #J-12. H. Martin M-1 Well #J-12. H. Martin Well #F-14	161'S 1965'F NWC Sec. 22 6N 13W 821'S 2195'E NWC Sec. 22 6N 13W	Robinson	G.L.457 G.L.472
Marathon Oil Company	H. Martin M-1 Well #H-14	491'S 2195'E NWC Sec. 22 6N 13W	Robinson	G.L.477 G.L.477
Marathon Oil Company	S. Tohill A/C 3 Well #B-10	1481'S 1535'F NWC Sec. 22 6N 13W 1481'S 1535'F NWC Sec. 22 6N 13W 1481'S 1655'F NWC Sec. 22 6N 13W	Robinson	G.L.468 G.L.468 G.L.475
Marathon Oil Company Marathon Oil Company	S. Tohill A/C3 Well #XA-12 S. Tohill A/C #3 Well #B-14	1811'S 1865'E NWC Sec. 22 6N 13W 1481'S 2195'E NWC Sec. 22 6N 13W	Robinson	G.L.476' G.L.476'
Marathon Oil Company	S. Tohill A/C #3 Well #XA-14 S. Tohill A/C #3 Well #B-16	1811'S 2195'E NWc Sec. 22 6N 13W	Robinson	G.L.479' G.L.483'
Marathon Oil Company	Wakafield-Martin Comm. M-1 Well #DD-12	1061'S 2662'E NWc Sec. 22 6N 13W	Robinson	G.L.485'
Marathon Oil Company	Wakatield-Martin Comm. M-1 Well #FF-12	569'S 2662'E NWc Sec. 22 6N 13W	Robinson	G.L.491'
Marathon Oil Company	Wakefield-Martin Comm, M-1 Well #HH-12	77'S 2737'E NWc Sec. 22 6N 13W	Robinson	G.L.487
Marathon Oil Company	Wakefield-Martin Comm. M-1 Well #DD-14	1061'S 3176'E NWc Sac. 22 6N 13W	Robinson	G.L.473'
Marathon Oil Company	Wakefield-Martin Comm. M-1 Well #FF-14	569'S 3176'E NWc Sec. 22 6N 13W	Robinson	G.L.481°
Marathon Oil Company	Wakefield-Martin Comm. M-1 Well #HH-14	77'S 3176'E NWc Sec. 22 6N 13W	Robinson	G.L.484'
Marathon Oil Company	Wakefield-Martin Comm. M-1 Well #DD-16	1061'S 3690'E NWc Sec. 22 6N 13W	Robinson	G.L.481'
Marathon Oil Company	Wall #FF-16	569'S 3690'E NWc Sec. 22 6N 13W	Robinson	G.L.484'
Black and Black Oil Co.	Vork #W-1	77'S 3690'E NWC Sec. 22 6N 13W. 330'S 60'W NEC SE NW Sec. 87N 12W.	Robinson 1055'-1074'	G.L.485' G.L.555'
Getty Oil Company	*D.G. Walters #5-1	330'N 330'W SEC NE SE Sec. 15 7N 13W	Robinson 972'-982'	G.L.513'
Marathon Oil Company Marathon Oil Company Marathon Oil Company Marathon Oil Company	*Sam Henry A/C 1 219-R #R-12 *Sam Henry A/C 1 219-R Well #R-15 *John Stentz 219-R Well #R-2 *Sam Henry A/C 1 719-R Well #R-20	121'S 929'E NWC SE SW Sec. 15 7N 13W 483'S 500W NEC SW SW Sec. 15 7N 13W 381'S 399W NEC SW Sec. 15 7N 13W 508'N 165'E SW SE SE Sec. 16 7N 13W	Robinson Robinson Robinson Robinson	G.L.503' G.L.513' G.L.507.1' G.L.517.7'
Oaniel R. Leavell d/b/a Used Oil Field Equipment	R.A. Biddle #BW-1	1'N 660'E SWc NE SE Sec. 25 8N 13W	Robinson 987'-995'.	G.L.551′

G.L.543' G.L.547'	G.L.549.2°	G.L.620' G.L.623' G.L.624' G.L.627' G.L.630'	G.L.503′ G.L.485′	G.L.474′	G.L.550′ G.L.554′ G.L.553′	6.1.572	G.L.460' G.L.411'	G.L.356' G.L.358' G.L.392' G.L.368'
Robinson 950'-1025' Robinson 990'-1015'	Robinson 1000'-1015'	Siggins Siggins Siggins Siggins Casey 540'-560'	Waltersburg 2427'-2438' Cypress 2800'-2810' Bennois 12968'-2886' Aux Vases 3063'-3077' MCClosty, 13120'-3134' MACClosty, 13120'-3134'		Cypress 2529, 2538 Rosiclare & McClosky 2888: 2893 Rosiclare & McClosky 2871: 2890	Weiler 1574* 1590'	Tar Springs 2057: 2065'	Hardinsburg 2166: 2186' O'Hara 2754': 2768' Aux Vases 2867'-2876' Aux Vases 2862'-2872' Aux Vases
6'S 660'E NWC SE Sec. 25 8N 13W 660'S 660'E NWC NW SE Sec. 25 8N 13W 660'S 660'E NWC NW SE Sec. 25 8N 13W	680'N 660'W SEC SW NE Sec. 25 8N 13W	B28W 169F SWC SW SE SW See, 12 10N 10E B17N 12TP SWC SWS SEE, 8W See, 12 10N 10E 42RN 112DE SWC SES SW See, 12 10N 10E 42RN 68ZF SWC SE SW See, 12 10N 10E 1915'N 660'W SEC SW Sec, 21 10N 11E	1750'S 990'W NEC SEC 31 IN 11E	330'N 330'W SEc NE NE Sec. 25 2S 10E	330'N SEC NW SW. 25". 27 6N 7E. 330'S 330'W NEC SE NW Sec. 28 6N 7E. 330'N 330'W SEC NW NW Sec. 28 6N 7E	320'S 340'E NW¢ SW SE Sec. 30 6N 3E. 656'N 924'E SW¢ N'S NW Sec. 19 7N 3E.	1126'S 160'E NWC NE Sec. 36 6S 2E 305'S 305'W NEc NW SE Sec. 19 75 3E	330Y 346 F SWC 56c. 32 78 8E 330Y 330T WC WC 50W W 56c. 23 78 8E 330Y 330W SEN W SW 56c. 85 8E 330N 990T SWC NW 56c 88 8E 330 S 330 E NWC 5W NW 56c. 68 510E
John Patelski #W-1	Floyd & Julia Wagoner #W-1Floyd & Julia Wagoner #LW-2	Haworth Haire #T.1 Haworth Haire #T.2 Haworth Haire #T.2 Haworth Haire #T.4 Dick Shore #W.1	*Roy Gill #1-WI *George Works #2 (North Well)	*Albion ConsTract #1-Rayl #1-WI	*Bible Grove Upper Cypress Sand Unit- Tract 6 # proper 6 # Achtur Joergens #3 *M.R. Joergens *C** #1	*St. James Pool Unit Tract 3 #6 (F.L. Bernyhoff) J. Sealock #2-W	Benton Flood Unit #255-W*South West Frankfort Unit #Y-1	"Margaret Murphy #A-3. "Varigaret Murphy #A-4 "George Allen #1. "Charles Mausey #1 Short-Wilson-Downen Comm. #2.
Daniel R. Leavell d/b/a Used Oil Field Equipment Daniel R. Leaveld d/b/a Used Oil Field Equipment Daniel R. Leaveld d/b/a	Used Oil Field Equipment:  Daniel R. Leavell d/b/z Used Oil Field Equipment:	COMBERICARIO COUNT Y Marathon Oil Company Marathon Oil Company Marathon Oil Company Marathon Oil Company Curte Res	Southern Triangle Oil Co. Texaco Inc.	Southern Triangle Oil Co	Sur Oil Company Ken-Tex Oil Corp. Ken-Tex Oil Corp.	FAYETTE COUNTY Texaco Inc	FRANKLIN COUNTY Shell Oil Company Killion & McClement Oil Producers	American Pump & Supply Co. American Pump & Supply Co. Montae Petroleum Co. Montaea Petroleum Co. Joe Simpkins Oil Developments.

(*= Converted well)   120 CATION	OPERATOR   C* = Converted
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G.L.531' G.L.542' G.L.532' G.L.558.6' G.L.547' G.L.523'	G.L.547 G.L.528 G.L.462 G.L.471 G.L.463	G.L.452' G.L.481' G.L.427'	G.L.465′ G.L.473′ G.L.453′	G.L.630.5′	G.L.523.5° G.L.537° G.L.530° G.L.530° D.F.562°
Bridgeport 330°-970 Bridgeport 330°-970 Bridgeport 330°-970 Bridgeport 330°-970 Bridgeport 330°-970 Bridgeport 330°-970 MrClosky, 1720°-130	Bridgepon 830' 970' St. Louis 7720' -1720'	McClosky 1869-1720 St. Louis 1790-1890 McClosky 1860-1720 St. Louis 1790-1890 McClosky 1860-1720 Jackson 1340-1350 Cypress 1390-1400	Faint Creek 1862-1810 Jackson 1491-1864 Gypres 1877-1884 Benoist 1710-1740 Jackson 1481-1400 Cypres 1481-1502 Light 1862 Jackson 1467-1460 Gypres 1500-1660	Penn. 470'-525'	Devonian 3616 - 3826
714'N 614'W NEC SE Sec. 31 4N 12W 26'N 12X'4W NEC SE Sec. 31 4N 12W 29'S 60'W NEC SE Sec. 31 4N 12W 2005'N 1975'W 6E-Sec. 31 4N 12W 2037'N 12X'5W 6E-Sec. 31 4N 12W 2037'N 12X'8 6E-Sec. 31 4N 12W	1381'N 1257'W SEG Sec. 31 4N 12W 1138'N 651'N SEG Sec. 31 4N 12W 384'S 65'W NE'N ESec. 32 4N 12W 1323'S 64'W NE'N ESEC. 32 4N 12W 60'S 50'W NE'O SE Sec. 32 4N 12W	1330'S 40'T NWO RE SE Sec. 32 AN 12W 1382'S 50'W NEC SE Sec. 32 AN 12W 30'S 30'W NEC NWY SE Sec. 32 AN 12W 688'N 1'W SEC Sec. 2 AN 13W	660'N 660'W SEC SW NE Sec. 25 4N 13W 680'N 8EC'NE Sec. 25 4N 13W 660'N 20'E SWC SE NE Sec. 25 4N 13W	300'S BE NWCNE SW NE Sec. 16 7N 7W	440'S EGO'W NEC SW Sec. 4 IN 2E. 330'S 680'W NEC SW Sec. 8 IN 2E. 660'N 660'E SWC SE NE Sec. 8 IN 2E. 330'N 330'W SEC NW NE Sec. 13 IN 3E. 330'S 330'W NEC SE NW Sec. 4 ZN 2E. 980'N 380'W SEC SW NW Sec. 4 ZN 2E.
Grant Clark #R-32. Grant Clark #0M-33. J. I. Kimmed A/C 1 #R-33. J.L. Kimmed A/C 1 #7-34-65. J.L. Kimmed A/C #0-34. J.L. Kimmed A/C #0-34.	J.L. Kimmel A/C 1 #QM-35  J.L. Kimmel A/C 1 #QM-35  J.T. Gringpa A/C 1 #LM-31  J.T. Griggs A/C 1 #LM-31  J.T. Griggs A/C 1 Vell #LM-33	J.T. Griggs A/C 1 Well #JMN-35. J.T. Griggs A/C 1 Well #LM-35. J.E. Johnson Well #JM-33. M.X. Piper #W-736	*Breen #W-123 *Pepple #W-83	Schreier #1-B. Salem Unit O/A Tract 152.	Well #95 (City of Centralia). "Salem Unic) AT Tand 220. "Salem Unic) AT Tand 220. Well #20 (J.N. Foster). "Salem Unic) AT Tand 92-#22. Friedrich "B"). "Amold-Harry Comm. #1 "Tomu Unit Tant I "Tomu Unit Tant I "Salem Unic) AT Bandh (TI"). "Salem Unic) AT Bandh (TI").
Marathon Oil Company Masathon Oil Company Masathon Oil Company Marathon Oil Company	Marathon Oil Company	Marathon Ol Company Marathon Ol Company Marathon Ol Company Wayne Smith, Operator, Inc.	Wayne Smith, Operator, Inc	MACOUPIN COUNTY I. B. Bennet MARION COUNTY Transon COUNTY	Texaco Inc.  Treaco Inc.  Ego Oil Company, Inc.  Texaco Inc.

OPERATOR	WELL (* = Converted well)	LOCATION	FORMATION	ELEV.
Texaco Inc. Texaco Inc. Texaco Inc. Texaco Inc.	Salem Unit Tract 86 #32 (S. Sharafish) Salem Unit OlA Tract 91 (W. M. Stroub) Well #30 Salem Unit OlA Tract 121 (G. F. Hopkiss Well #3 (J.W. McConnaughahy) Well #4	324'S 380'E NWC SE SW Sec. 29 2N 2E. 965'N 1500'W SEC NW Sec. 31 2N 2E. 280'S 346'E NWC SW Sec. 32 2N 2E. 320'N 280'E SWC SE SE Sec. 32 2N 2E	Devonian 3367°.3398°  Devonian 3408°.3435°  Devonian 3303°.3340°  Devonian 3450°.3480°	G.L.536′ D.F.476′ D.F.480′ D.F.539′
RICHLAND COUNTY Shakespeare OI Co. Inc. Shakespeare OI Co. Inc. Shakespeare OI Co. Inc. SHELBY COUNTY	*M Runyon 1-A Tact 7 *R. Runyon #1 Tract 11 *B. Torten I-A. Tract 3	330'S 330'F NWc NF SE Sec. 25 3N 9F 300'S 990'F NWc SW RE Sec. 25 3N 9F 300'S 330'F NWC SE NF Sec. 25 3N 9F	Spar Mountain 3067*-3074'. Spar Mountain 3090'-3097'. Spar Mountain 3068'-3065'.	G.L.413′ G.L.426′ G.L.411′
Doran Oil PropertiesWABASH COUNTY	*Chaffee #1-W	660'S 150'E NWc NE Sec. 27 10N 5E	Aux Vases 1945'-1965'	G.L.539′
Juniper Petroleum Corp. Southern Trange Oil Co. H. A. Elkins State Elmo Cornady Elmo Cornady Ciliber Oil Co.	H. Baumgarr "B" #B Couch #W. 1  H. A. Elkins #1-WI  *Albert Gay #2-WI  *Albert Gay #6 WI  *U flooder Schrout #2-WI  *William Durn #1-A.	880'S 786'E NWC 5W 5ee, 5 15 12W 50'N 180'F 5WC 5See, 15 12W 115'N 865'E 5WC 5E 5Ee, 20 25 13W 30'N 330'W 5EC 5W 5Ee, 20 25 13W 30'N 330'W 5EC 5W 5EE, 20 25 13W 30'N 330'W 5EC FW W 5ee, 20 25 13W 230'S 454/C NWC 5EE, 14W	Cypress 2010-2021 Cypress 2000-2050 Cypress 2400-2050 Ben 1737-1726 Marfield 1318-1340 Ben 1735-1744 Cypress 2490-2527	G.L.411' G.L.336' G.L.428' G.L.428' G.L.437' G.L.431'
N. A. Baldridge N. A. Baldridge N. A. Baldridge WAYNE COUNTY	"Niermann Heirs #1 "Goodner #1 "Musial #1	330V 990'W SENW SE Sec. 28 15 1W 330V 330'F SWONW NW Sec. 19 35 1W 330'S 330'W NEC SENE Sec. 24 35 2W	Cypress 1456'-1476' Cypress 1228'-1246'	G.L.518′ G.L.517′ G.L.517′
Ego Oil Company, Inc. An Habridge, Carl Busby, Carl Busby Teacolnc.	*Jack P. McElvas #3 *Tadlock #2 *Fanslar #1 *A. Gaston #2 Sims Unt O.A Tract 20 (W. L. Johnson)	330'N 330'E SWG-SE NW Sec. 26 IN 6E 330'S 330'F MWG-SE RES 82.08 N BE 360'S 330'F SWG-SEN WS SWG-24'I SEE 330'S 330'E NWG-SW NW Sec. 25 IS 6E 1320'N 990'E SWG-Sec. 27 IS 6E.	Aux Vases 2888'-2896' McClosky 2922'-2938' Aux Vases 3196'-310' Aux Vases 3102'-311' McClosky 3142'-3170'	G.L.429' G.L.473' G.L.437.2' G.L.436' G.L.448'

G.L.455' G.L.409' G.L.452'	G.L.436′ G.L.436′ G.L.436′	G.L.394′ G.L.417′	G.L.430'	G.L.434′	G.L.377′ G.L.374′		G.L.471′ G.L.504′
Aux Vases 3085' 3081' McClosky 3164' McClosky 3000'	Buchanan 1550°-1570°	Biehl 1797'-1803' Tar Springs 2267'-2272' Penn. 1462'-1470' 1870'-1890'	Tar Springs 2350'-2360' Penn, 1466'-1476' Clore 2010'-2030' Tar Springs 2330'-2340' Aux Vases 2340'-2950'	Opper Tar Springs 2189'-2196' McClosky 2873'-2953' Cypress 2675'-2696'	Aux Vases 2858-2871. Upper Tar Springs 2206'-2210' Upper Cypress 2554'-2558		Aux Vases 2578°-2606′ Upper Mississippian
683'S 330'E NWC SE NW Sec. 27 1S 6E. 330'S 330'E NWC NW Sec. 51S 8E. 330'S 330'W NEC NW SE Sec. 15 1S 8E.	330'N 990'E SWc NW Sec. 31 3S 14W	330'N 380'W SEc NW NE Sec. 31 3S 14W	1100'N 30'W SEc N % Sec. 31 4S 11E	330'N 330'W SEc NW NE Sec. 19 6S 9E	330'N 330'E SWc SE SE Sec. 13 63 10E 330'S 330'W NEc SW Sec. 24 65 10E		330'S 330'W NEc NE SE S 6c. 8 8S 3E
*Sirns Unit O.A Tract 14 #1 (W. Thomas NCT-1). *LE. Molt #1	*M.E. Glaze Estate #3-Wl	*Gray Estate #11	H. Garner #W-5	*Walnut Grove Unit: Ora Phillips #2	*H.J. Karch "C" #1. Flora Karch #8		*Huck Comm. #3-A
Texaco Inc. Robinson Production Inc. Jack Hobson BT JJ Hobson dibis Hobson Of Company. WHITE COUNTY	Joe O. Williams d/b/a J & H Oil Company Joe O. Williams d/b/a J & H Oil Company	Joe O. Williams of bia J & H Oil Company Barger Engineering Inc.	Barger Engineering Inc.	Union Oil Co. of Calif	Rhea Fletcher Trust #1	WILLIAMSON COUNTY	C. E. Brehm d/b/a C. E. Brehm Drilling & Producing C. E. Brehm d/b/a C. E. Brehm Drilling & Producing

## WELLS PLUGGED IN 1975

				i àn
ELEV.	G.L.725' G.L.715' G.L.602'	6.1.56 6.1.56 6.1.57 6.1.59 6.1.59 6.1.59 6.1.58 6.108	G.L.630° G.L.718° G.L.624° G.L.622°	G.L.650' G.L.623' G.L.614.3'
DATE	10-14-75 8-11-75 8-1-75	8.12.75 4.17.10.75 7.3.17.85 7.3.17.85 7.3.17.85 7.3.17.85 7.4.75	8-7-75 2-21-75 8-15-75 8-13-75 7-29-75	4-25-75 4-12-75 4-9-75 4-11-75
TOTAL	690' 666' 642'	742. 667. 550. 550. 2276. 2277. 3217. 1019. 1029. 1029. 1026. 1062. 1062. 1062. 1063. 1063.	610′ 703′ 565′ 590′ 652′	2750° 2577° 2315° 2322°
LOCATION	330N 330F SWC-NW NE Sec. 33 15 5W 380'S 330W NE: SE NW Sec. 12.25 5W 330'N 330'W SEc SW NE Sec. 12.25 5W	330°S 330°W NEC SE SW See, 15 fM 4W 230°S 330°W WEC SE RIS SE See, 27 fM 4W 230°S 330°W WEC SE RIS SE See, 35 fM 4W 330°S 330°W NEC SE RIS SEE, 34 fM 4W 330°N 330°E SW SW SEE, 34 fM 2W 330°N 330°E SW SW SEE, 36 fM 2W 330°N 330°E SW SEE WIS SEE, 36 fM 2W 330°N 330°E SW SEE WIS SEE, 36 fM 2W 330°N 330°E SW SEE WIS SEE, 36 fM 2W 330°N 330°E SEW SEE WIS SEE, 10 6M 2W 330°N 330°W SEE WIS WES SEE, 10 6M 2W 330°N 330°W SEE SEE WIS WES, 10 6M 2W 330°N 330°E SEE WIS WES, 10 6M 3W 330°N 330°E SEE WIS WES, 10 6M 3W 330°N 330°E SEE WES WIS WES, 15 6M 3W 330°N 330°E SEE WIS SEE, 33°N 2W 330°N 330°E SEE SE SEE, 33°N 2W	330°S 330°W NEc NW Sec. 15 15 2W 330°N 330°W SEC FW Sec. 32 54W 330°N 330°W SEC RESE Sec. 7 25 4W 330°S 330°E NWC SE SEC. 7 25 4W 330°S 330°E NWC SW Sec. 7 25 4W.	330'S 990'W NEC SE Sec. 14 12N 1E. 330'S 990'ENWO'NE NW Sec. 14 12N 1W. 330'N 330'W SEC NW NW Sec. 3 13N 1E. 330'N 330'E SWC'NE Sec. 3 13N 1E
WELL NAME & NO.	Rev Brady #1 Doole #1 Snow #4	Donk Bross Coal & Coke Company #1 (lds file #4 waters #1 where Comm. #3 Hiber Comm. #3 Elan #3 Elan #3 Elan #4	Bunfill#5 Obeleande#7 Market#1 Market#1 Market#1-B	Himes "A" #1 Sterner "A" #1 John H. Seifert #1 Hernan Zindel #1.
OPERATOR	ADAMS COUNTY John E Cydron Claude MeEivein Glaude MeEivein	Sam Parker Co. Inc. E. Lenneman Goose Creak Oil Co. Inc. E. Lenneman E. E. Lenneman L. Lenneman L. Lenneman L. Lenneman L. Lenneman L. Lenneman L. Len	BROWN COUNTY Hils & Badshaw Gradel & Bretil Joe L Synderland Joe L Synderland Joe L Synderland Greek L Synderland GRESTIAN COUNTY	Phillips Petroleum Co. Chilips Petroleum Co. Collins Brothers Oli Co.

		29		
G.L.609.77 G.L.593.57 G.L.598.97 G.L.598.77 G.L.598.77 G.L.594.77	G.L.594.3° G.L.603.9° G.L.606°	61.679.3 61.679.3 61.608 61.608 61.608 61.619.2 61.619.2 61.631.2 61.631.2 61.631.2 61.631.3 61.631.3 61.631.3 61.631.3	G.L.587.57 G.L.550.57	G.L.587
12-8-75 8-21-75 11-14-75 11-11-75 11-12-75 11-12-75 5-3-75 5-3-75	1-1-75 8-15-75 8-26-75 4-18-75	11.20.75 3.20.67 3.20.67 11.20.75 11.20.75 11.20.75 11.37.6 11.67.6 11.75 11.75 11.75 11.75	4.15.75 4.15.75 8.19.75 8.19.75 8.216.75 8.25.75 8.15.75 8.22.75	1.24.75 1.31.75 4.2.75 3.19.75 3.18.75 4.2.75 4.2.75 4.28.75 4.28.75
2152: 2281: 1987: 2023: 2013: 1987: 2069:	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1871-1880-1880-1880-1880-1880-1880-1880-	1831, 440, 440, 440, 438, 450, 450, 546,	546 555 6477 477 455 550 643 520
330'N 330'F SWC SE Sec. 9 13N 2W 330'S 330'F NWC SW SE Sec. 34 14N 1W 330'N 330'W SEC-RUS WS Sec. 10 14N 2W 330'N 330'W SEC-RUS SEC. 20 14N 2W 330'N 330'W SEC-RUS SEC. 20 14N 2W 330'N 330'W SEC-RUS SEC. 20 14X 2W 330'N 330'W KEC-RUS WY Sec. 20 14X 2W 330'N 330'W KEC-RUS WY Sec. 21 14X 2W	330'S 330'E WIN'S SW, SEE, 28 HAV ZW, 330'S 330'E W, SW, SEE SW, Sec. 11 15N IW 330'S 330'E NWC SE ES SE. 11 15N IW 330'N 330'E SWC NE Sec. 16 15N IW 330'N 330'E SWC SEE SC SEC. 20 18N IW	3201/3202 SWAS ER 18 58.0 9 158.2 W. 3201/3202 SWAS ER 18 158.2 W. 3201 SWAS SWAS SWAS SWAS SWAS SWAS SWAS SWA	330'S 330'W NES SW NW Sec. 24 15N 33W 10'N O'W SEE SW NE SW Sec. 29N 14W 1069'S 743'E WWC NE NE Sec. 139N 14W 80'J. 54 360'N WO. NE NE Sec. 139N 14W 748'S 10'19'E WWC NE NE Sec. 139N 14W 1187'S 466-SF NWC NE NE Sec. 139N 14W 1187'S 466-SF NWC NE NE Sec. 139N 14W 110'N 610'E SWC NE NE Sec. 139N 14W 10'N 610'E SWC NE NE SEC. 139N 14W 356'N 54E SWC NE NE SEC. 139N 14W	950 N 220 E SENNIX WE SEE, 13 9N 14W, 995 N 180 E SENNIX WE SEE, 13 9N 14W, 14W, 14W, 14W, 14W, 14W, 14W, 14W,
Harrod #1 Ponting #1 Penk Reiss #1 A Hedden #1 Younker #1 Cy Ounker #1 Call Blockelsy #1		Sallenger 1.  Cavidrot B #1.  Cavidrot B #1.  Ridgewey Comm. #1.A  Ridgewey Comm. #2.  Fromss #65-18  Belismith #1.  Gate #1.  McDermith #1  McDermith #2  Swope #2.A  Swope #2.A	Young-Micbermath Comm. #1  M. Winters #K-16. Blaceman #2 Blaceman #3 Blaceman #4 Blaceman #4 Blaceman #4 Blaceman #4 Blaceman #4 Blaceman #4 Call Custs #1-9V Call Custs #1-9V	Gain Custs #1-P Gustis #2-W Gustis #2-W F. E. Barnett F. E. Bannett F. E. Bannett F. E. Bannett F. E. Bannett #3-1 F. E. Bannett #3-1 F. E. Bannett #3-W
Commanche Oil Corp.  Generation Oil Corp.  Generation Oil Corp.  Generation Oil Freducers  Robert H. Evens  John Comer.  A Extraction of the Corp.  A Extraction of the Corp.  Bookert H. Evens  John Comer.  Robert H. Evens	Commante oil Com Commante oil Com Commante oil Com Joseph W. Malnous (Urb) Gene N. Oil Commante oil Com Gene Durcan & Herbert E. Feet of Urb) Hondon Command of Herbert E. Feet of Urb) Hondon Command of Herbert E. Feet of Urb) Hondon Command of Herbert E. Feet of Urb)	Ray Osborn  Ray Osborn  Pat Grantle  Carria Ol Management Corp.  Carria ol Management Corp.	Centrat our loansagement Corp.  LARK COUNTY  American Pump & Supply Company  American Pump & Supply Company	American Pump et Supply Company,

ELEV.	(1.579 (1.582) (1.582) (1.582) (1.583)
DATE	3.13 5.15
TOTAL	88888888888888888888888888888888888888
LOCATION	225 S. Z. Z. E. KWU, N. E. SW. Sec. 13 9N 14W 827 S. Z. Z. E. KWU, N. E. SW. Sec. 13 9N 14W 827 S. Z. Z. E. S.
WELL NAME & NO.	F. E. Bennett #0.4 F. E. Bennett #0.5 F. E. Bennett #0.5 F. E. Bennett #0.5 G. Bennett #0.5 Gene C. Bennett #1.8 Hubert Bennett #1.8 Hubert Bennett #1.8 Hubert Bennett #1.8 Hubert Bennett #1.8 F. Bennett #0.3 F. Bennett #1.8 F. Bennett #1
OPERATOR	American Pump & Supply Company. American Pump & Supply Company

(1.55) (1	G.L.526' G.L.526' G.L.526' G.L.526' G.L.526'
6.49	1-16-75 10-1-75 10-1-75 9-30-75 10-1-75 10-2-75 10-2-75 10-10-75
8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	569 568 535 535 541 541 541 541
SWAN RE SWA SEC, 23 BN 144W  220N RE EXEMENN SEC, 23 BN 144W  220N RE EXEMENN SEC, 23 BN 144W  220N RE EXES WS SEC, 23 BN 144W  100N 300FE SWA SEC, 23 BN 144W  100N 300FE SWA SEC, 23 BN 144W  100N 300FE SWA SEC, 23 BN 144W  1110N 460FE SWA SEC, 23 BN 144W  110N 460FE SWA SEC, 23 BN	200 S 200 WWO LE NW Sec. 249 N 14W 221'S GAZE RWO-RE NW Sec. 249 N 14W 220'N 220'C SEW GE SW NW SE-SE. 279 N 14W 220'S 220'R LE SW SW NW RS-SE. 279 N 14W 220'S 250'R NE SW SW NW RS-SE. 279 N 14W 220'S GW NW SE-SE C 279 N 14W 220'S GW NW EG NE SW NW ES-SE. 279 N 14W 52S'N W SE GW SE WN RS Sec. 279 N 14W 5'S GW NE SW NE SE-SE 279 N 14W 5'S GW NE SW NE SE-SE. 279 N 14W
J. P. Bennett 16. J. P. Bennett 18. J. P. Bennet	R Ramsey #E5 R. Ramsey #E6 Edward Bennett #6 Edward Bennett #8 Edward Bennett #13 Edward Bennett #15 Edward Bennett #16 Edward Bennett #16 Edward Bennett #16 M. E. Larrison #28
Eden G. Melson	yladhay Subbly

ELEV.	61.527 61.528 61.528 61.528 61.528 61.528 61.539 61.547 61.648 61	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
DATE	10-9-75 10-9-7	57-11-9 57-11-7 57-14-0 57-14-
TOTAL	627 627 627 627 627 627 627 627 627 627	3135 30827 30827 3148 3156 3135 3135 3137 3163 3163 3164 3169 3169 3169 3169 3169
LOCATION	5'N 220'E SWC SE NE NE Sec. 27.8N 14W 215'S SW NE SE NE NE Sec. 27.8N 14W 220'S 220'E WING SE NE NE Sec. 27.8N 14W 220'S 220'E WING SE NE NE Sec. 27.8N 14W 220'S 220'N MICE SWC NE NE Sec. 27.8N 14W 220'S 25'N WING SE NE NE SEC. 27.8N 14W 220'S SEG NE NE SEC. 27.8N 14W 220'S SEG NE SEC. 27.8N 14W 230'S SEG NE SEC. 27.8N 14W 230'S SEG SEC. 27.8N 15W 230'S SEG	330'N 990'W SEGNE SW Sac. 11 2N 8E. 330'N 330'N STEE SWG Sac. 17 2N 8E. 330'S 330'W HEE WINN WW Sac. 1 2N 7E. 330'S 330'W HE WINN SWG SEC. 2N 7E. 330'S 330'W HE SWG
WELL NAME & NO.	M. E. Larrison #29 M. E. Larrison #30 M. E. Larrison #40 M. E. Larrison #41 M. E. Larrison #41 M. E. Shawwood #1 M. T. Perrine #1 W. T. Perrine #1 W. T. Perrine #1	F. Valbort #6  J. LCook #1  All End #1  F. D. Baylor #1  F. D. Baylor #1  F. D. Baylor #1  F. S. Baslor #1  W. L. Stanford #4  E. S. Baslor #1  F. W. L. Baslor #1  M. L. Campbell Heirs #2
OPERATOR	Eden G. Neison Freich Eden Sixerly Eden G. Den Eden	CLAY COUNTY Eldan Doty d'Ib/a Republic Oil Co., Inc. Gal White Gal White Boan to John N. James Boan to John N. Zaneis John N. Zaneis John N. Zaneis John M.

1.22.75 G.L.437 4.19.75 G.L.438 7.16.75 G.L.438 7.21.76 G.L.436 7.15.76 G.L.437 7.15.76 G.L.437 7.15.76 G.L.437 7.15.76 G.L.437 7.15.76 G.L.437 7.15.76 G.L.437	1124.76 (0.1.539 (0.1.539 (0.1.539)	9-3-75 G.L.456′
3571, 3383, 3100 3054, 852, 3044, 3033	2739 67 27 27 27 27 27 27 27 27 27 27 27 27 27	2921′
330'S 330'E NWC SW Sec. 10 2N 8E. 990'S 330'E NWV E SW Sec. 10 2N 8E. 830'S 330'S SBOWN E SW SW Sec. 17 2N 8E. 830'S 330'N NES SW SW Sec. 17 2N 8E. 830'S 330'N NES SW SW Sec. 17 2N 8E. 830'S 320'S SW SEC. 17 2N 8E. 830'S 330'E SW Sec. 17 2N 8E. 830'S 330'E SW Sec. 17 2N 8E. 830'S 330'E SW SW Sec. 17 2N 8E.	330° S30° W. NEC See. 18 30° E. 330° S30° W. SEC See. 18 30° E. 330° S30° W. SEC SEE. 18 30° E. 330° S30° W. SEC SEE. 33° SE. 33° SE. 330° S30° W. SEC SEE. 33° SE. 330° S60° W. SEC SEE. 33° SE. 330° S30° W. SEC SEC SE. 330° S30° W. SEC SEC SEC. 33° SEC. 330° S30° W. SEC	330'N 330'W SEc NE NW Sec. 11 4N 7E
Routt #2 Routt Comm.#4 H. Evens #1 L. E. Hosselton #1 Hosselton #3 L. E. Hosselton #3 L. E. Hosselton #3	Curis Warren #1 Tackett #2 Tackett #2 Tackett #2 M. O. Golder #2 M. A. Allison #4-C M. A. Allison #4-C M. A. Allison #4-C M. A. Allison #4-C Hagen #1 L. Hagen #1 L. Hagen #1 L. Marrin #1 M. Caroproon #1 L. Marrin #1 M. Caroproon #1 L. Marrin #1 M. Caroproon #1 M. Ruger #1 R. Sentialwack #1 R. Golf #1 R	A. Fulk #1-A
Kenneth E. Beenan John B. Muron Jensey Betroleum Co., Inc. Jensey Retroleum Co., Inc.	Gaosas Creek Birothers Cili Co Gaosas Creek Birothers Cili Co Mon Durr Robert L. Grubaugh Parkan Cili Co., Inc. Virgil Schmidt. Virgil Schmidt. Barbly A. Brykow Britton Lowell B Leon Haten Lowell B Leon Haten Co., Method-Silurian Oil Co., Inc. Warnes C., Method-Silurian Oil Co., Inc. Albert A. C. Method-Silurian Oil Co., Inc. Carr C. Leon Hagner Oil S. Hagner A. Bryton Harnes C. Method-Silurian Oil Co., Inc. Carr C. Leon Hagner Oil S. Hagner C. B. Production Co., Inc. Albert A. L. Var Fossan J. B. McGregor C. B. McGregor J. M. Rudy Company J. B. McGregor J. M. Rudy Company J. M. Rudy Company J. M. Rudy Company J. M. Rudy Company Booth Oil Co., Inc. John M. Zanetis J. M. Rudy Company Booth Oil Co., Inc. Warking Oil Producer, Inc. K. Oil, Inc. J. M. Rudy Company Booth Oil Co., Inc. M. M. Rudy Company M. Rudy Company M. Rudy Company M. Rudy Company M. Rudy Company M. Rudy Company M. M. Rudy Company M. Rudy Company M. M. M	Estate of Earle B. Reynolds

			IATOT	STAG		ш
OPERATOR	WELL NAME & NO.	LOCATION	DEPTH	PLUGGED	ELEV.	
Robert E. Trimpe Robert E. Trimpe Robert E. Trimpe Robert E. Trimpe	R. Hastings #1 Hastings #3 Cammon-Wilson Comm. #2 Murbhy #1	330'N 330'E SWC SE Sec. 12 4N 7E 330'N 330'W SEGNW NE Sec. 13 4N 7E 330'S 330'F WWO SWS WS 626. 15 4N 7E 330'N 330'W SF NW SE Sec. 15 4N 7E	2960' 2630' 3006'	1-13-75 4-20-75 2-20-75 2-24-75	G.L.470' G.L.465' G.L.468'	1
Robert E. Trimpe Robert E. Trimpe Shelby A. B. Sylvia Britton James C. Franklin	Murphy #2. Murphy #3. Leo Estrin #1. James C. Fenklin #1	330'S 330'W NEC NW SE Sec. 15 4N 7E 330'S 330'W NEC NW SE Sec. 15 4N 7E 330'N 360'E SWC Sec. 344 NTE. 330'N 370'E SWC SE SWC SEC. 78 AN 7E	2940' 2940' 2995'	2-27-75 2-26-75 3-25-75	6.1.443 6.1.4483 7.00 7.00 7.00 7.00 7.00 7.00 7.00 7.0	
James C. Franklin. Mares G. Franklin. Vickinney Oil Producer, Inc. Charles T. Evans. Promet. A. Kynn.	J. Franklin #1.A Sessier #4 Brant #1. Vida Frutiger #1	430'N 1650'W SEC SW Sec. 35 4N 7E. 330'S 330'E NWG NE NE Sec. 35 4N 7E. 990'S 1650'W NE NE NE SE Sec. 54 N 8E. 330'N 330' W SEC Sec. 32 4N 8E.	2968' 2326' 3037' 3110'	9-12-75 9-17-75 9-18-75 5-28-75	G.L.431 G.L.442 G.L.435	
Tom Kenner Shelby A. & Sylvia Britton Shelby A. & Sylvia Britton Shelby A. & Sylvia Britton	Action # 1	330'S 330'W NEC Sec. 10 5N 9E 330'S 330'W NEC Sec. 10 5N 5E 330'S 330'W NEC SE NW Sec. 14 5N 5E 330'S 330'W NEC SE NW Sec. 14 5N 5E 660'S 330'W NEC SE NW Sec. 14 5N 5E	2429 2429 2337 2337 2139	9-17-75 9-12-75 8-28-75 9-5-75	G.L.523 G.L.505 G.L.524 G.L.524	
Richard W. Beeson. John D. Gordon. Lesste D. Moore d'Us a Moore Production Co. Lesste D. Moore d'Us a Moore Production Co. James C. Franklin. John D. Gordon.	Robertson #1 Stuneler Heirs #1 Fvye-Douglas Comm. #1. J. Hardin #1 Sould #1-A	320Y 330W NICE SELVES. 25 0M 6E. 30YS 330F MWC SEN SELVES. 25 0M 6E. 30YN 330W SEC SERVEE. 30YN 330W SEC SERVEE. 30YN 330W NE SEC SERVEE. 30YS 330W NICE SEV SEC SEN FE	2805 2805 2805 2474 2831,	6-21-75 7-10-75 12-1-75 8-5-75 10-29-75	G.L.540 G.L.529 G.L.503 G.L.519 G.L.515	
John D. Gordon John D. Gordon John C. Herley David F. Herley David F. Herley Lintron COUNTY	Wattes#1   Herr#1   Leo Iffer#1-A   Iffer#1-B	330Y 330W NE NE NR WS W. Sec. 23 16 7 E 330N 330W SEC NW. SE Sec. 34 16 NB E 330N 990TE SW. NE Sec. 34 16 NB E 330N 330W SEC NE Sec. 34 5N BE	2890' 3100' 3150' 3048'	10-25-75 7-14-75 5-11-75 6-25-75	G.L.507 G.L.451 G.L.463 G.L.476	
Ferman S, Graham Shell Of Company Shell Ol Company	R. Koelmel #1 Centralia Flood Unit #197 Centralia Flood Unit #187 Centralia Flood Unit #188-W Centralia Flood Unit #188-W Centralia Flood Unit #199-W Centralia Flood Unit #199-W Centralia Flood Unit #190-W Centralia Flood Unit #190-W Centralia Flood Unit #190-W	193'N 1084'E SWO Sec. 1 IN 1W 965'N 120'E SWO SW SE Sec. 12 IN 1W 200'S 300'E NWO-16' SW Sec. 12 IN 1W 100'N 486'E SWO SEC. 12 IN 1W INW SWS SEC. 12 IN W NW SWS Sec. 12 IN 1W	2918' 1374' 1388' 1390' 1378' 1380' 1383' 1380'	9.15-75 6-28-75 6-28-75 6-28-75 6-28-75 6-19-75	G.L.474' G.L.481.1' G.L.481.1' G.L.484' D.F.485' D.F.485'	
Shell Oil Company Harman S. Graham.	(Formerly Karchmer-Kendol #2)  (Formerly Karchmer-Kendol #2)  Certralie Rood Unit #206.xvv  Centralie Hood Unit #206.xv  Centralie Flood Unit #208.x  Centralie Flood Unit #208.x  Galaham's Dumbar #1	700'N 120'E SWG. SE Sac. 12 IN 1W 498'N 199'E SWG. SE Sac. 12 IN 1W 204'N-2W. SE Sac. 12 IN 1W 156'N 2W. SE SE SAC. 12 IN 1W 156'N 350'E SWG. SWG. 12 IN 1W 660'N 330'E SWG. WWG. 12 IN 1W	1388' 1380' 1383' 1228' 2916'	6-28-75 6-28-75 6-28-75 6-24-75 6-25-75 9-16-75	D.F.486' D.F.489' G.L.491.5' D.F.495' D.F.492'	

	35
61,496 61,496	CL 778 CL
11.5.75 10.29.75 2.12.75 10.17.5 10.17.5 10.17.75 11.7.75 11.7.75 10.8.77 10.8	### ### ##############################
3033 3033 1143 2143 2442 2442 2442 2072 4050 1086 1086 2865 2865 2865 1156 1156 1156	2006 2006 2007 2007 2007 2007 2007 400 995 995 995 995 995 995 995 995 995 9
340'S 88FC NWO, ES CW, Sec. 23 IN IW 340'S 88FC NWO, ES CW, Sec. 23 IN IW 330'S 330'W ES CW, NW Sec. 8 IN 2W 330'N 330'W ES CW, Sec. 1 IN 3W 450'S 440'W NE CW, Sec. 4 IN 3W 450'S 440'W NE CW, Sec. 4 IN 3W 330'S 430'W NE NW Sec. 4 IN 3W 330'S 430'W NE NW Sec. 20 IN 3W 330'S 330'W NE NW Sec. 23 IN 5W 330'S 330'W NE Sec. 23 IN 5W 330'S 330'W NE Sec. 23 IN 4W 330'S 330'W NE Sec. 30 AN W 330'S 330'W NE SEC. 3W Sec. 52 IN 4W 330'S 330'W NE NW Sec. 52 IN 4W 330'S 330'W NE NW Sec. 35 IN 4W 330'S 330'W NE NW Sec. 35 IN 4W 330'S 330'W NE Sec. 33 IN 3W 330'S 330'W NE Sec. 33 IN 3W 330'S 330'W NE Sec. 33 IN 3W 330'S 330'S 330'W NE Sec. 33 IN 3W 330'S 330'S 330'W NE Sec. 33 IN 3W 330'S 330'S 330'W NE Sec. 33 IN 3W	400'S 330'W NWE EES NW SE-62. 1 NN 7E. 300'S 330'W NEE EER NW SE-62. 1 NN 7E. 300'S 330'W NEE SE-W NWE SE-63. 1 NN 7E. 300'N 330'W SE-65. 1 NN 7E. 300'N 330'W SE-65. 1 NN 7E. 300'S 330'W NEE SE-60. 1 NN 7E. 300'S 330'W NEE SE-60. 1 NN 7E. 300'S 330'W NEE SE-60. 1 NN 7E. 300'S 330'W NEE SE-62. 1 NN 7E. 300'S 330'W NEE SE-62. 2 NN 7E. 300'S 330'W NEE NEE SE-62. 2 NN 7E. 300'N 330'W SE-NE SE-62. 3 NN 7E. 300'N 330'W SE-NE NEE SE-63. 3 NN 7E. 300'N 330'W SE-NE NEE SE-63. 3 NN 7E. 300'N 330'W SE-NE NEE SE-63. 3 NN 7E. 300'N 330'W SE-NEW SE-NEW SE-70'N SE-70'N NEE
Asser Feiders #1 Selma Mordini Eta #1 Charles Johnoptest #4-1 E. F. Sprehe Comm. #1 Macdux #1 20 Macdux #1 4 Macdux #1 5 Macdux #1 6 Macdux #1 7 Macdux #1 7 Macdux #1 7 Macdux #1 1 Macdu	Brown #1 Bro
Conway Tucker Conway Tucker Ego Oil Co. Inc. T. R. Kewnin T. R. Winter T. R. Minter T. R. Minter T. Mint	James F. Eriand Company James F. Eriand Company Safeti Ol Company Schaeter Ol Company Schaeter Ol Company W. Howard Raybum W. R. Baldridge Earnest Carl W. R. Baldridge Earnest Carl W. R. Baldridge Safeti Ol Company W. Thomas C. Rappe Schaeter Oll Company

вотрания	WAN HER	NOTE	TOTAL	DATE	FIEV
5					-
	C	2000 2300 KIND NE S. 30 14N OF	1075	1 10.75	C 1 659'
Woodrow Barnett	Russell Hanner #1	330'N 330'W SEc SW NE Sec. 28 14N 14W	416	4-8-75	G.L.662'
AAWFORD COUNTY					
			1		
Coy Oil, Inc.	Max Hodson #2-A	330'W NEC NW SE Sec. / 5N 11W	2150	9-8-75	G.L.489
Reprise Stevenson	Bennie Stevenson #1	330'N 330'E SWc NW NE Sec. 20 5N 11W	,996	9-5-75	G.L.514'
Clarence Catt, Jr.	Kahre #1	330'S 330'E NWc NW Sec. 23 5N 11W.	1037	12-11-75	G.L.530'
Clarence Catt, Jr.	Kahre #2	330'S 330'W NEc NW NW Sec. 23 5N 11W	1015	12-16-75	
Energy Resources Corp	C. Bryant #2	330'N 330'E SWc SE Sec. 6 5N 12W	1430	10-16-75	G.L.523
Energy Resources Corp.	Managed Lagor 42 Moltan	330 N 330 E SVVC SBC: 0 SN 12VV	920,	10.31.75	G.L.401
Francis A. Zakowski d Gleil D. McGahey	Maxwell Lease #2 - Well #5	528'S 132'F NWC NE SW NW Sec. 10 5N 12W	978	10-30-75	
Francis A. Zakowski & Glen D. McGahey		165'S 165'W NEC NW SW NW Sec. 10 5N 12W	972'	10-28-75	
Francis A. Zakowski & Glen D. McGahey		330'S 650'W NEc SE SW NW Sec. 10 5N 12W	985,	10-22-75	00001
Black & Black Oil Co		360'S 330'W NEc SE Sec, 11 5N 12W	1563	4-16-75	G.L.528
Paul Summers	son #7	330'S 330'E NWc NE SE Sec. 11 5N 12W	1020	4-11-75	G.L.532
Paul Summers		330'S 330'W NEC 5W SE Sec. 11 5N 12W	1406	4-10-70	G.L.332
Richsand Oil Company		330'S 330'W NEC SW Sec. 18 SN 12W	1496	6.10.75	G.L.493
Richsand Oil Company		330 N 330 W SECINE SW Sec. 10 SN 12W	, 000	0.24.75	G-1-46/
Kenneth R Freed	Ducommon #1	330'S 330'E NWC NE SEC. 0 0N 11W	1530	7-1-75	G.L.525'
Televest Exploration Inc.		330'S 330'E NWc NE SE Sec. 29 6N 12W	2195′	10-20-75	G.L.510'
Leonard Kirk	Lindsey Lease Well #1	640'S 160'E NWc NW SE SE Sec. 7 6N 13W	,382,	6-6-75	
Marathon Oil Company	Bassom & Siler #3	1080'S 200'E NWc NW SW Sec. 15 6N 13W	972	2-21-75	
Marathon Oil Company.	Bassom & Siler #4	650'S 205'E NWc NW SW Sec. 15 6N 13W	1090	4-2-75	
Marathon Oil Company.	Bassom & Siler #5	220'5 220'W NEC NE SW Sec. 15 bn 13W	940	7-9-7	
Marathon Oil Company	Bassom & Siler #8	660'N 220'W SFc NW SW Sec. 156N 13W	994.	7-10-75	
Marathon Oil Company.	Bassom & Siler #9	135'S 150'W NEc NW SW Sec. 15 6N 13W	930,	3-18-75	
Marathon Oil Company	Bassom & Siler #10	1310'S 475'W NEC NW SW Sec. 156N 13W	948,	5-7-75	
Marathon Oil Company	Bassom & Siler #11	800'N 200'W SEc NW SW Sec. 15 6N 13W	975	2-11-75	472
Marathon Oil Company.	Bassom & Siler #12	2005 EOUE NIVO NV SVV SEC. 15 BN 13VV	923	3.15.75	G.L.473
Marathon Oil Company	Bassom and Siler #G-91 (Mann Unit)	650'S 1310'F NWC SF Sec. 15 6N 13W	946	2-17-75	G.L.478
Marathon Oil Company	Bassom-Siler #94-A	1182'N 65'E SWc Sec. 15 6N 13W	936,	2-24-75	G.L.472'
Marathon Oil Company.	W. Mann #9.	400'N 200'E SWc NE SW Sec. 15 6N 13W	938,	9-24-75	
Marathon Oil Company.	W. Mann #10.	900'N 220'E SWc NE SW Sec. 15 6N 13W	965	9-6-75	G 1 459'
Marathon Oil Company	W Mann #26	510'N 685'F SWc NW SW Sec 156N 13W	934,	8-26-75	200
Marathon Oil Company.	W. Mann #27.	1085'N 990'W SEc SW Sec. 15 6N 13W	930,	6-9-75	G.L.469
Marathon Oil Company	W. Mann #29 (Mann Water-Flood #39-R)	400'W NEc SW Sec. 15 6N 13W	924	9-9-9	G.L.467

3.6-75 GL.484 5.19-75 GL.487 5.19-75 GL.487 5.19-75 GL.487 5.19-75 GL.487 5.19-75 GL.487 5.19-75 GL.487 5.19-75 GL.487 6.10-75 GL.487
9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
800 N 1310 W SEG NW Sec. 16 8N 13W 440'S SBOWN MES SEW SEC. 16 8N 13W 440'S SBOWN MES SEW SEC. 16 NN 13W 440'S SBOWN MES SEW SEW IS SWI 13W 440'N SBOWN SEC. 18W 13W 440'N SBOE SEW SEW SEW IS SWI 13W 460'N ROFE SWICK SWEW SEW. 16 NN 13W 460'N ROFE SWICK SWEW SEW. 16 NN 13W 460'N ROFE SWEW SWE SEE. 16 NN 13W 460'N ROFE SWEW SWE SEE. 16 NN 13W 460'N ROFE SWEW SEW. 16 NN 13W 460'N ROFE SWEW NEW WW. 86. 22 SN 13W 460'N ROFE SWEW SEW. 2
W. Mann #C 84 (Mann Unti) W. Mann #C 88 W. Mann #C 88 W. Mann #E 90 W. Waterland Herins #E 90 W. Waterland W. W. #E 90 W. Waterland W. W. Well #E 90 W. W. Waterland W. W. Well #E 90 W. W. Waterland W. W. W. Well #E 90 W. W
Marathon Oil Company,

ELEV		G.L.479				G.L.4//			G.L.486	G.L.480	G.L.4/2	G.L.453	G.L.4/2		100000000000000000000000000000000000000	G.L.482	G.L.482′	G.L.476'	G.L.483		G.L.487	G.1.482'	G.L.481	G.L.485'	G.L.545	G.L.541'	G.L.542'	G.L.487		G.L.538.4"					110000000000000000000000000000000000000	G.L.552'	G.L.558.2	G.L.5567	I Brown	G.L.561'			G.L.514.18	
DATE		6-13-75	9-23-75	67-07-4	4-1/-/5	2/-0-1	5-7-2	5-1-75	4-11-/5	2-9-72	27-1-02	8-25-75	4-29-75	4-23-75	2-7-72	10-8-75	10-4-75	5-1-75	5-3-75	4-1-75	4-24-75	6-16-76	6-18-75	6-2-75	7-12-75	6-25-75	10-30-75	12-4-75	3-25-75	1-6-75	5-19-75	11-17-75	3-20-75	3-4-75	2-20-75	1-22-75	1-24-75	11-5-75	11-10-75	11-12-75	11.13.75	6/-/-11	10-6-75	2,1.0
TOTAL		972	928	200	900	0000	920	996	930	384	0101	305	806	924	942	.266	.266	937,	928,	919,	,966	934.	912	937	1075′	1858,	1635	1100′	991,	1005	,066	,066	1045,	,1001	982	1485	966	970.	382	994	978'	383	1014	200
LOCATION		990'S 330'W NEC NW Sec. 22 6N 13W	200'S 190'E NWC NE NE Sec. 22 6N 13W	SOOD SANCINE NE SEC. 22 DIN 13W	620 S 210 E INVG NE INE Sec. 22 biy 13vv	440/N 346/N OF NICKIE SEC. 22 UN 13VV	440 N 245 VV SECINE NE SEC. 22 BIN 13VV	440'S 245'W NEC Sec. 22 bN 13W	bou's ZZU'E NWC'NE Sec. ZZ bN 13W	20 N bb0 E SWC NE NE Sec. 22 bN 13W.	105 S 105 W INECINE SE INVI Sec. 22 bit 13W	/20'N 1000 E SWC NW SW Sec. 22 bN 13W	660 N 20 W SEC NW Sec. 22 6N 13W	35 N /5 W SEC NW NE Sec. 22 6N 13W	50'S 668 E NWC NE Sec. 22 6N 13W	140'N 640'E SWC NW NE Sec. 22 6N 13W	185'N 165'E SWc NW NE Sec. 22 6N 13W	663'S 668'E NWc NE Sec. 22 6N 13W	663'S 1276'E NWc NE Sec. 22 6N 13W	70'N 75'W SEC NW NE Sec. 22 6N 13W	1316'S 10'E NWc NE Sec. 22 6N 13W	990'S 330'E NWc NE Sec. 22 6N 13W	990'S 990'E NWc NE Sec. 22 6N 13W	330'S 990'E NWc NE Sec. 22 6N 13W	330'S 990'W NEc NW NW Sec. 15 7N 12W	330'N 660'W SEc SW Sec. 19 7N 12W	330'N 330'W SEc SW Sec. 33 7N 12W.	1650'S 330'E NWc NE Sec. 35 7N 12W	330'N 330'W SEc SW SW Sec. 2 7N 13W	660'S 660'E NWc SW Sec. 2 7N 13W.	420'N 400'W SEc NW SE Sec. 3 7N 13W	330'S 330'W NEc NE SW SE Sec. 3 7N 13W	NW SE SE Sec. 3 7N 13W	330'S 330'N SE SE SE NE Sec. 3 7N 13W	60'S 240'E NWc SE NW Sec. 3 7N 13W	380'N 380'E SWc SE NE Sec. 3 7N 13W	240'N 240'E SWc SW NE NE Sec. 3 7N 13W	200'N 75'E SWCNE SW Sec. 37N 13W	160'N 400'W SEC NW SW Sec. 3 7N 13W	240'S 220'W NEc NW SW Sec. 3 7N 13W	200'N 75'W SEC SW NE SW Sec. 37N 13W	440 N 240 W SEC NW SW Sec. 3 /N 13W	330'N 330'E SWCNW SW Sec. 4 /N 13W	200 N 310 W 3EC NW 3W 3GC 4 //w 13**
WELL NAME & NO.		H. Martin #13	J. C. Martin A/C 2#1	C. C. IMBILIT #5	C. C. Martin #50	C. Malilli A/C. #n=10	J. C. Martin #13	J. C. Martin #14	J. C. Martin A/C 2#1/	O. E. Martin A/C Z #R-11.	Susan Ioniii A/Cs#1.	S. Iohili A/C 4 C 1 Z	S. Iohill A/C 3#N-12	Wakefield-Martin #3	wakefield-Martin Comm. #P-3	Wakefield-Martin #4	Wakefield-Martin #5	Wakefield-Martin Comm. #P-6	Wakefield-Martin Comm. #Q-6	Wakefield-Martin #10.	Wakefield-Martin Comm. #N-11.	Wakefield-Martin Comm. #12.	Wakefield-Martin Comm. #13.	Wakefield-Martin Comm. #14.	M. Gurley #1-A	May Conover Etal #1	Ridgway #1	Henderson #1	J. V. McClane #23	J. V. McClane #TW-94	C. A. Brown #29-A	J. H. Cooley #3	J. H. Cooley #8	Evans #2	W. Evans #3.	W. Evans #8	Mike Ikemire #2	Caroline Wilkin #4 (Young-Severns Unit) .	C. Wilkin #5 (Young-Severns Unit)	Wilkin (Young-Severns Unit) #7	Caroline Wilkin #10 (Young-Severns Unit)	Caroline vvilkin #12 (Young-Severns Unit)	Wilkin Heirs #M-20	I. WIIKIII #IN-ZO ODIOING 1 OOI .
OPERATOR		Marathon Oil Company.	Marathon Oil Company.	Marathor Oil Company.	Marathon Oil Company.	Manage Oil Company	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	James A. Stone	Marathon Oll Company.	Marathon Oil Company.	James A. Stone	Marathon Oil Company.	Marathon Ull Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Marathon Oil Company.	Don W. Slater	Citation Oil & Gas Corp	Caroline Xploration Co	Lee Martin	Don Bertram d/b/a Bertram Oil Company	Don Bertram d/b/a Bertram Oil Company	Don Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Don Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Don Bertram d/b/a Bertram Oil Company	Don Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Donald Bertram d/b/a Bertram Oil Company	Condid Dertram d/b/a Dertram Oil Company	Daniel R. Leavell d/D/a Used Oil Field Equipment	כפוופן וו: דפפגפן ת/ח/פ ספסי כיין יפוק באתוליוופווי

Anne W. Abels. Daniel R. Leavell d/b/a Used Oil Field Equipment Daniel R. Leavell d/b/a Used Oil Field Equipment	Mayo Darr #1. Headley Unit #K-27 Headley Unit #L-27	330'S 330'W NEC SW SW Sec. 6 7N 13W 280'S 290'W NEC NW NE SE Sec. 8 7N 13W 155'S 295'E NWC NE SE SEC. 8 7N 13W	995,	5-16-75 9-30-75 9-29-75	
Daniel R. Leavell d/b/a Used Oil Field Equipment	J. A. Strile #K-28 J. A. Strile #L-28 J. A. Strile #L-30	300'S 200'W NEC SW NE SE SEC. 8 7N 13W 240'N 255'E SWC SE SE SE SEC. 8 7N 13W 240'S 275'W NEC SE SE SEC. 8 7N 13W	333. 333. 333. 333.	8-19-75 8-20-75 9-25-75	G.L.524.4 G.L.526.8
Daniel R. Leavel d/b/a Used Oil Field Equipment	Stifle Unit #29-K. Stifle Unit #30-K. T. C. Randolph #2	320'N 250'W SEC NW SE SE SEC. 8 7N 13W 310'S 230'W NEC SW SE SEC 87N 13W S. S. E. S. W NW SE SEC. 11 7N 13W	984' 1003.80' 971'	9-10-75 9-23-75 2-19-75	G.L.523.6' G.L.515'
armers Petroleum Cooperative, Inc	Randolph #4 T. C. Randolph #6 (S 1)	200'N 200'E SWc SE Sec. 11 7N 13W. 330'S 200'E Sec. 11 7N 13W	933,	12-10-75 6-20-75	G.L.490' G.L.491'
armers Petroleum Cooperative, Inc	T. C. Randolph #7	330'S NWc SE SE Sec. 11 7N 13W. 330'S 660'E NWc NW NE SW Sec. 11 7N 13W.	958,	11-21-75	G.L.493′ G.L.494′
armers Petroleum Cooperative, Inc	T. C. Randolph #9 Fmmerson F. Miller #3	330'S 330'W NFC NW SW Sec. 117N 13W	388	2-14-75	G.L.515' G.I. 500 2'
Don W. Slater	Simmons #4	330'N 2310'E SWC NW Sec. 14 7N 13W	392,	4-18-75	G.L.493
armers Petroleum Cooperative, Inc.	Chas. Snyder #2.	330'S 660'E NWC SW NW Sec. 14 7N 13W	939	2-7-75	G.L.489
Jon W. Slater Henry Halley, Jr. M.D.	G. Briggs #4 Marion D. Eaton #2 Well #5	330'N 330'W SEC SE NW SE SEC. 15 /N 13W. 220'S 200'W NEC SW NE SEC. 15 7N 13W.	.026	2-2/-/5 8-13-75	G.L.511
Aarathon Oil Company.	Sam Henry A/C 1 #24. J. J. Stentz #6	220'S 1540'W NEc SW SW Sec. 15 7N 13W 200'N 230'W SEc NW SW Sec. 15 7N 13W	1020,	1-16-75 2-1-75	
Marathon Oil Company.	J. J. Stentz #7	660'N 680'W SEC NW SW Sec. 15 7N 13W 185'N 190'W SEC NE SW Sec. 15 7N 13W	1004	2-11-75	
Marathon Oil Company	Sam Henry A/C 1 #19.	710'S 180'W NEC SE SEC. 16 7N 13W	1021	2-27-75	
Grace & John Haynes.	A. IVI. VVIIKIN Lease-Well #3	100'S 660'E NWc SE NE Sec. 17 7N 13W	992,	10-9-75	G.L.527
Noyalco, Inc.	C. L. Dees #1	660'N 330'E SWc SW SE SW Sec. 21 7N 13W	960,	7-25-75	
oyalco, inc.	C. L. Dees #5	160'N 20'E SWc SW SE SW Sec. 21 7N 13W	,296	7-22-75	
toyalco, Inc.	C. L. Dees #12	400'S 130'W NEc SW SE SW Sec. 21 7N 13W	990.	8-20-75	0.1 490
Aoyalco, Inc.	Viola Dees #W-9	665'S 500'E NWc SE SW Sec. 21 7N 13W	972'	7-30-75	G.L.496.8′
Marathon Oil Company.	Henry Unit #1-A Henry Unit #3-B	679'N 660'W SEc NE Sec. 21 7N 13W 843.58'N 162.02'W SEc NE Sec. 21 7N 13W	1018,	7-7-75	G.L.5087
Marathon Oil Company.	Henry Unit #7-A.	176.76'N 155.64'W SEC NE Sec. 21 7N 13W	1023′	7-10-75	G.L.504.1'
Aarathon Oil Company.	Francis Wood #MM-5	1760'N 1935'E SWc SW NW SE Sec. 21 7N 13W	1030	12-29-75	G.L.510.8°
Marathon Oil Company.	Francis Wood #6	330'N 330'W SEc NE Sec. 21 7N 13W	1018	7-9-75	G.L.506 G.L.504
Marathon Oil Company.	S. J. Henry A/C 1 #0-16.	463'S 70'W NEC SW NW Sec. 22 7N 13W	986,	7-3-75	G.L.495
Marathon Oil Company	Henry Unit #7-E	182.38'N 1143.10'E SWc NW NW Sec. 22 7N 13W	1015	7-3-75	G.L.502.2
Marathon Oil Company.	Henry Unit #9-E	24'N 58'W SEC NW NW Sec. 22 7N 13W	1004	7-16-75	G.L.500′
Sovalco, Inc.	Viola Dees #0-1	445'S 430'E NWC SW NE Sec. 22 /N 13W	, . .086	7-14-75	G.L.495.5'
Royalco, Inc.	Viola Dees #W-1	40'S 20'E NW¢ NE NW Sec. 28 7N 13W.	976'	7-14-75	G.L.493'
Aoyalco, Inc.	Viola Dees #W-2	100'S 330'W NEc Sec. 28 7N 13W	976	7-16-75	
Aoyalco, Inc.	Viola Dees #W-3 Lucy Wurtzberger #1	330'S 330'W NEC NW NE NE Sec. 28 7N 13W 330'S 330'E NWc SE SW NE Sec. 28 7N 13W.	388	6-27-75	
Royalco, Inc.	Wurtzberger #4 Wurtzberger #W-4	660'S 350'W NEC NW NW Sec. 28 7N 13W 1381'S 10'W NWC NE NW Sec. 28 7N 13W	1000° 381°	6-18-75	G.L.488.9
Advalco, Inc.	Wurtzberger #5	250'S 330'E NEC NW NW Sec. 28 7N 13W	950, 380,	6-24-75	

ELEV.	G.L.556 G.L.532 G.L.538 G.L.536	G.L.642.4 G.L.614.5 G.L.632 G.L.632 G.L.632 G.L.632 G.L.637 G.L.619 G.L.619 G.L.610 G.L.636.7 G.L.636.8 G.L.636.8	6.L637 0.L635 0.L635 0.L662 0.L661 0.L661 0.L661 0.L661 0.L661 0.L661 0.L661 0.L661
DATE	9-3-75 9-16-74 9-19-75 9-45-75 7-2-4-75 7-1-75 10-21-75 6-8-75 10-30-75	11.2.75 3.20.75 12.6.76 8.15.75 8.19.75 8.20.75 10.28.75 11.7.75 4.17.75 4.17.75	4-10-75 4-9-75 4-9-75 1-17-75 1-17-75 1-24-75 1-24-75 1-30-75
TOTAL	955 995 996 950 950 1000 11308 11204 11431	3893 3865 3865 3867 2997 3968 3897 2452 2452 506 508	1783 1784 1794 1798 1820 1852 1852 1810 1893 1811 1893
LOCATION	310N 660'E SWC SE SE NW Sec. 30 7N 13W 330'S 330'R NW NN SWE SWY SEG. 30 7N 13W 330'S 330'R NW SWE SE NW SEG. 30 7N 13W 151S SREG NW SWE SEG. 30 7N 13W 151S SEGE NW SWE SWE SWE SWE SWE SWE SWE SWE SWE SW	330'S 330'E NWO'NE Sac. 79'N 7E. 330'S 330'E NWO'NE NWO'S Sac. 10'9'N FE. 330'N 330'E SWO'S SWO'N NWO'S SAC. 10'9'N FE. 330'N 330'E SWO'S SWO'S SAC. 10'9'N FE. 330'N 330'N 530'N 550'N SWO'S SAC. 10'9'N FE. 330'N 330'E SWO'S EN WO'S SAC. 10'N TE. 330'N 330'E SWO'N SEN WO'S SAC. 10'N TE. 330'S 330'N WICS SAC. 10'N TE. 40'N MES SWO'S SES. 30'N 10'E. 443'N 440'W MES SEC. 55 SEC. 30'N 10'E. 443'N 440'W MES SEC. 71'N'N 11'E.	330'N 330'E SWC SE SE Sec. 13 14N 7E 330'N 330'W SEG Ser. 13 14N 7E 330'S 330'W MEG Ser. 13 14N 7E 330'S 330'W MEG SER. 13 14N 7E 330'S 330'W MEG SE SER. 13 14N 7E 330'N 330'W SEG SWC SES. 13 14N 7E 330'N 330'W SEG SWC SES. 17 14N 8E 330'N 330'W SWC SES SWC Ser. 17 14N 8E 330'N 330'W SWC SES SWC Ser. 17 14N 8E 330'N 330'W SWC SES SWC SER. 17 14N 8E 330'N 330'W SWC SEC SWC SER. 17 14N 8E 330'N 330'W SWC SEC SWC SEC. 17 14N 8E 330'N 330'W SWC SEC SWC SEC. 17 14N 8E
WELL NAME & NO.	Reedy (Number Unknown). Reedy #5 Reedy #6 I- Maker #3 I- Maker #3 James Lafever #3 I- Claude Cover #1 Roy Fount #1 Claude Cover #1 Claude Cover #1 Claude Loftis #1	Baker #1 Czewonnia #1 Czewonnia #1 Lous Will #1 Plaz #2 Plaz #2 E. Swingler Heis #1 Leo Hold Reinmir #A-1 Siemer #2 Leonard Rood #1 Roy Lingsfalter #7 Lanue #C-3.	Baker-Campbell #1. Baker-Campbell #2. Baker-Campbell #2. Baker-Campbell #2. Baker-Campbell #2. Baker-Bayer #3. Schoers #3. Schoers #3. Schoers #4. E. J. Schroder #4. Schoers #1. Scholt #1.
OPERATOR	Royalco, Inc. Royalco, Inc. Royalco, Inc. Royalco, Inc. Royalco, Inc. Reach Edward Office. Aridan Durlian R. Lewell of Its of Edwipment Clifford A. Perry B. Sons, Inc. CUMMERRAND COUNTY	Lera Waddington Thera S. Sandara Inc. Fingry Resources of Indiana, Inc. Berman Oil 8 Gas, Inc. Reson, Inc. Reson, Inc. Reson, Inc. Reson, Inc. Reson, Inc. AM Oil Company Everett Connelly. Paul Watte Poul Watte	Schaefer Oil Company Schaefer Oil Company Natural Gase Pleinic Cor America Schaefer Oil Company Ellron M. Botts

	G.L.667.77 G.L.667.77		66.1402 60.1440 60.1436 61.437 61.437 61.438 61.437 61.437 61.437 61.437 61.437 61.437 61.437 61.437 61.437 61.437		G.L.446' G.L.409' G.L.461' G.L.442' G.L.395.5' G.L.395.5'	G.L.451' G.L.397' G.L.397' G.L.400'	3.L.407	G.L.438' G.L.411' G.L.385'	G.L.451'	G.L.425' G.L.455' G.L.435' G.L.412'
_										
	6-6-75 6-6-75 6-20-75 6-21-75 7-7-75 7-8-75 7-8-75 4-16-75 6-18-75		10-14-75 2-3-75 2-3-75 2-5-75 1-14-75 1-21-75 1-21-75 1-22-75 6-22-75	5-26-7	10-24-75 10-10-75 5-11-75 6-3-75 8-25-75 9-8-75	5-22-75 5-22-75 11-19-75 11-3-75	9-17-7	9-26-75 10-17-75 10-6-75	4-15-75	10-24-75 4-20-75 10-25-75 4-14-75
	355 360 360 371 2810 4510 280 285 440		3375' 3267' 3272' 3306' 3306' 3333' 3333' 3290' 4050' 4050' 2410' 3136'	3252'	2908' 3270' 3780' 3213' 3900' 3850'	3110' 3106' 3106'	3112'	3218' 3090' 3105'	3022′	2420' 2438' 2433' 2396'
	480'N 330'E SWo. NE SE Sec. 14 12N 14W 440'S 330'S BEWNO NE SE Sec. 14 12N 14W 330'S 330'W NIE SWY SE Sec. 14 12N 14W 330'S 13W'W NE WY, NE SWY SE Sec. 14 12N 14W 330'S 318'S SWE SE Sec. 14 12N 14W 330'S 330'S SWE SE Sec. 14 12N 14W 30'S 330'S 330'S SWE SE SEC. 14 13W 14W 20'S 40'W NE SWE SEC. 13 13N 14W 220'S 440'W NIE SE NWY SEC. 13N 14W 220'S 440'W NIE SE NWY SEC. 13N 14W		330'S 330'V NEG SVV NW Sec. 4 1N 106 665'S 330'V NEG Sec. 9 1N 106 990'S 990'V NEG Sec. 9 1N 106 1660'S 1860'V NEG Sec. 9 1N 106 1660'S 1860'V NEG Sec. 9 1N 106 30'N 330'V SEC NW NW NES Sec. 9 1N 106 30'N 330'V SEC NW NW NES Sec. 9 1N 106 30'N 330'V SEC NW NW Sec. 9 1N 106 30'N 330'V SEC NW NW Sec. 9 1N 106 30'N 330'V SEC NW NW Sec. 11 N 106 30'N 330'V NEG NW Sec. 11 N 106 30'N 330'V NEG NW SEC. 11 N 106 30'N 330'V NEG NW SEC. 11 N 106 30'N 330'V SEG NW SEC. 11 N 110	296'S 330'W NEc NW NW Sec. 6 1N 14W	330'N 330'F SWc NE Sec. 30 1N 14W 330'S 680'W NE SW SE Sec. 33 2N 14W 350'N 330'E SWC NE NW Sec. 33 2N 14W 990'S 330'E WW NE RW Sec. 30 1S 11E 330'S 680'F WW SE SE SEC. 41 S 14W 90'S 330'W NE NW SW Sec. 31 S 14W 90'S 230'W NE NW SEC. 5EC. 41 S 14W	2760 N 2 380 W WES SEC Flee. 18 25 11E 330 W 330 W SEC SW NW Sec. 5.55 14V 330 S 330 W Ne NW SW Sec. 5.52 14W 330 S 330 W NE NW SEC. 6.52 14W	380'N 330'E SWc NE SW Sec. 20 2S 14W 990'N 330'W SEc SW NW Sec. 26 2S 14W	330'S 330'W NEC SE SW Sec. 29 28 14W 330'S 330'F NWC NE NE Sec. 32 2S 14W 330'N 330'W SEC Sec. 32 2S 14W	330'S 330'W NEc SE SE Sec. 15 3S 10E	330'S 330'E NWC SE Fac. Sec. 73S 11E 330'S 430'W Ne Frac. Nece. 73S 11E 330'S 688'W NE Frac. SE Sec. 18 S3 11E 440'N 330'E SWC Frac. NW Sec. 7 3S 14W
	Kirkham #1 Kirkham #2 John Muschill III John Muschill III Muschill #2 Smitson #1 Smitson #1 John Homode #1 John Homode #1 John Homode #2 John Homode #2 P. S. Barber #1		Baker Etal Comm. #1 Alber Gasde #1 Alber Gasde #1 Gliespae #2 Gliespae #2 Steff Helse #1 Steff Helse #1 Steff Helse #1 Steff Helse #1 Miller Ibbrisson Comm. #1 Lide Grenhouse #1 M. Miller Ibbrisson Etal #1 M. M. Karl Könrge #1	Yonaka #1	Howard-Obold Unit #2  Thocker #1  Robert Yonaka #1  Robert Yonaka #1  Bamono Older #2  Hering Etal Comm. #2	Snillings#z E. Hedge #1 Ira Jambert Etal #1 Glen Seigle #1 Bosecker-Fieber Unit #1	Ralph Cowling #1-B Frederick Schroeder #1	V. Louis Fieber #2 Neva Mode #1 C. R. Smith #1	Maxwell-Mossbarger Comm. #1-WI	Hinderliter #2. McGowan-Schmittler Comm. #4 Linzey-Steele #A-4. Wilma Schmittler #1
EDGAR COUNTY	R & H. Inc. S & H. Inc. C & S. & H. Inc. John Homoid, J. John Goff, Trustee	EDWARDS COUNTY	Ernest Sherman James C. Frankin M. James M. Martin Heimrich Southern Triangle oil Co. John M. Zamest Gilbert A. Higgers	Gene Duncan & Herbert E. Fear d/b/a	Fear & Duncan Oil Producers Ven frossan Associates Petron, Inc. Glem Stagle Louis A. Pessina Louis A. Pessina	The Suprice Off Co. Grant J. Beauchamp. Grant A. Messnan	Ashland Oil, Inc. Laurent Oil Company Finer I aurent Air/a	Lunrent Oil Company Van Fossan Associates Coy Oil, Inc. I-o O Williams d Ny	J& HOLINGTON DATE CONTRACTOR	Fear B Duncan Or its century at Ram Exploration Co. R. A Harris. Ram Exploration Co.

DATE FI EV	333 333333333333	8.23.75 GLESS 1177.75 GLESS 11
TOTAL	4236 2730 2960 2960 2960 2569 2730 1661 11697 11697 11697 3300 2000 6000 6000 2380 2473	3275 3275 3206 1912 1912 1828 1838 1839 1839 1831 1831 1831 1831 183
LOCATION	330N 330E SWG NW Sec. 32 BN BE 388 N 999W SEC. SE SENE Sec. 3 BN BE 380 N 990 SE SEME SWG SEC. 3 BN BE 380 N 990 SE SEME SWG SEC. 3 BN BE 380 N 320W SEC. BE SEC. 3 BN 7 E 380 N 320W SEC. BE SEC. 4 MY ZE 380 N 330W SEC. SWG SEC. 4 BN BE 380 N 330W SEC. SWG SEC. 7 BN BE 380 N 330W SEC. SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG SEC. 38 BN E 380 SEG SWG SEC. 38 SWG S	300N 330W SEC SW SW Sec. 15N 22 300N 330W SEC SW SW Sec. 15N 22 300 330W NEC WWW Sec. 12 BW 22 300 330W NEC WWW Sec. 20 SW 32 300 590F WW NE WW Sec. 30 SW 32 300 590F WW NE WW Sec. 34 SW 32 300 590F WW NE WW Sec. 34 SW 32 300 590F WW WW Sec. 34 SW 32 300 70 50 50 50 50 50 50 50 50 50 50 50 50 50
WELL NAME & NO.	Norman Gerth Etal #12X.32  L. Vasin #1  L. Vasin #1  L. Vasin #1  L. Vasin #2  Sentrum #2  Cassin #2 SWD  Cassin #2  Am Doty #1  Am Doty #1  Cassin	Walker #1 Wolin-Sine #1-W Wolin-Sine #1-W Holman Unt #1-W Holman #1 Kramer #1 Kramer #1 Kramer #1 Koate Brücher #1 Wagner Heire #3 Annold Unt #4 Annold Uni #4 Annold Uni #4 Annold Uni #4 Mahali Buthin #4
OPERATOR	EFENCHAM COUNTY Juniper Patoleum Corp. Shy B. Demensher Shy E. Demensher Shy E. Demensher Francis M. Petre e Francis M. Petre e Francis M. Petre e Francis M. A. Beldridge Roggy Resources of Indiana. Inc. M. L. Nedmeyer M. L. Nedmeyer M. L. Nedmeyer W. L. Beldridge W. L. Beldridge W. L. Beldridge	FAVETTE COUNTY W. L. Beden W. L. Beden W. L. Beden W. L. Beden Donald W. Greel C. E. Bethen Dilling B Producing C. E. Bethen Corp. Exercise Corp. E

E. C. Reeves.	E. Shelton #1.	330'S 330'E NWc SE Sec. 9 7N 3E.	1585′	7-14-75	G.L.597.5'
E.C. Beeces	Shelton #3-B	330'N 990'W SEC Sec 9 7N 3E	1535	8-16-75	G.L.599
Tom E. Grace		330'N 330'E SWc NW SW NE Sec. 15 7N 3E	1586	8-21-75	G 1 590'
Exxon Corp.		330'S 330'E NWc NE NW Sec. 18 7N 3E.	1560′	5-15-75	G.L.584
Exxon Corp.		350'S 150'E NWc NE NW Sec. 18 7N 3E.	1519′	4-23-75	G.L.585'
Exxon Corp.		330'S 330'W NEc Sec. 19 7N 3E.	1594	9-4-75	G.L.594'
Homeign Oil Esternism Inc.	:	330'S 330'W NEc SW SW Sec. 20 7N 3E	1569′	2-26-75	G.L.599
nomeler Oil Enterprises, Inc.		330'N 990'W SEC NW Sec. 28 /N 3E	1589	7-14-75	G.L.608′
vv. L. beiden	Smith #1	330'N 330'W SEc SW Sec. 28 7N 3E	3370	6-9-75	G.L.608.4'
Exxon Corp.		330'S 323'W NEc SE SW Sec. 30 7N 3E	1574	11-1-75	G.L.596'
Exxon Corp.		40'S 65'W NEc SE NE Sec. 1 8N 3E	1568′	9-10-75	G.L.610'
Exxon Corp.	A. W. St. Pierre #1-9W.	50'S 45'E NWc NE NW Sec. 1 8N 3E	1672′	4-29-75	G I 630'
Exxon Corp	Ruth Musser #1	334'N 332'W SEc SW SW Sec. 2 8N 3E	1608′	10-1-75	G.I. 613
Exxon Carp	Ella Rhedemeyer #2	330'N 330'E SWc SE NE Sec. 3 BN 3E.	1635	5-28-75	G 1 594'
Exxon Corp.		30'N 25'E SWc NW NW Sec. 11 8N 3F	1597	9.10-75	G I 617
Exxon Corp.		346'N 377'F SWc Sec 15 8N 3F	1541	9-10-75	G 1 563'
Exxon Corp.		330'N 330'F SWc Sec. 16 8N 3F	1569,	8.4.75	G 1 603.
Exxon Corp.		330'S 330'E NWc SF NF Sec. 16 8N 3F	1662	5.27.75	G 1 619'
Exxon Corp.		288'N 371'F SWc NF SF Sec 16 8N 3F	1628	9-10-75	,000
Exxon Corp.		330'S 330'W NEC SE SEC 17 8N 3F	1600	9.20.75	6.1.030
Exxon Corp.		325'N 309'F SWC NW SF Sec 20 8N 3E	,900	0.30 75	507
Exxon Corp.		330'N 330'W SE NE SW Sec 218N 3E	1570	27.75	6.1.30
Fxxon Corn	:	220'N 220'E CIA/2 C.c. 21 0N 2E	000	24-70	6.1.5/4
Exxon Com	Ira Boles #8-W/ (Twin to Ira Boles #3-M/)	330 N 330 E 34VC 36C, Z1 8N 3E	523	9-30-75	6.L.542
Cook of the cook o	In Dolos #31 7/A/ T	400 N 350 E 5WC 3EC. Z I SIN 3E	12/6	27-67-6	6.1.548
Carol Colp.	C-14:-11-4 404 CAAT	1945 IN 30 VV SEC SVV SVV SEC. Z1 BIN 3E	7/51	4-15-75	G.L.5/3
Extended Colp.	M F 11 23 6 14	100'N 500'E SWCINV Sec. Z1 8N 3E	1556	9-17-75	G.L.600°
Exxon Corp.	M. E. Hogan #21-6-vv.	80'S 30'E NWC SE Sec. 21 8N 3E	1596,	10-8-75	G.L.598'
EXXOII COID.	M. E. Hogan #1-16-VV	15.5.25 E NWC SW SE Sec. 21 8N 3E	1580	10-8-75	G.L.546
Exxon Corp.	J. I. wright #14-W	268'S 330'W NEC SW NE Sec. 21 8N 3E	1662′	9-30-75	G.L.650'
Exxon Corp.	J. B. Drees Comm. #11.	150'N 65'W SEC NW NW Sec. 22 8N 3E.	1107	9-30-75	G.L.527
Exxon Corp.	Cynthia Hopper #G-2	100'N 75'E SWc NE SW Sec. 22 8N 3E.	1109.	9-30-75	G.L.526'
Exxon Corp.	Cynthia Hopper #22-/W-11	150'N 50'E SWc NE SW Sec. 22 8N 3E.	1467	10-8-75	G.L.526'
Exxon Corp.	Mae Durbin #28-4W	60'N 90'E SWc NE NE Sec. 28 8N 3E	1556	10-1-75	G.L.549'
nomeier Oil Enterprises, Inc.	Louden South Water Flood Unit #36				
	(Formerly Van Beuning #36).	330'S 990'W NEc SW Sec. 28 8N 3E	1589	7-14-75	G.L.605
Exxon Corp.	Mary Blurton #3-W	2/3'N 348'W SEC SW NW NE Sec. 32 8N 3E	1583,	10-31-75	G.L.594
Exxon Corp.	Mary Blurton #9-W	335'S 394'W NEC NW Sec. 32 8N 3E	1564	1-21-75	G.L.600′
Exxon Corp.	E. C. Goetting #2-W	465'S 131'E NWc NE NW Sec. 32 8N 3E	1299.	1-23-75	G.L.592'
Exxon Corp.	E. C. Goetting #11	1248'S 1481'E NWc Sec. 32 8N 3E	1476	1-24-75	G.L.596
Exxon Corp.	William Ireland #1-W	333'S 328'W NEC NW NE Sec. 32 8N 3E	1582	5-27-75	G.L.593
Exxon Corp.	Martha Lirrey #3-vv	330'N 330'E SWc NW SE Sec. 32 8N 3E.	1582	2-13-75	C.L.589°
Exxon Corp.	John Dial #9-W	332'N 255'E SWc NE Sec. 33 8N 3E	1517	2-7-75	G.L.595
Example Colp.	O-31- Main- 20 OW	330'S 328'VV NECINVV NVV Sec. 34 8N 3E.	1606	4-15-75	G.L.605
Phillips Patroleum Co	Cross "C" #1	25 S 60 W NEC SW NW Sec. 28 BN 4E	1527	2-7-75	G.L.520
Excon Corn	Marc Dator #1	SOUN SOUR SAVE SE SAV Sec. 29 SIN SE	3300	0.4.70	6.1.513
Excon Corp	Back Dial #36 7	SOUN 330 WY SECTIVE SE SECTION	7001	0 - 70	G.L.913
Exxon Corp	Phillips-Wood #36-15W	26 3 30 E INVIC 3E 3W 3EC 33 3N 3E	1621	07-02-0	G.L.602
Exxon Corp.	A. W. St. Pierre #36-8W	25.3.25 NW SF Sec. 36.9N 3E	1563	10.1.75	G - 618'
			2		
TRANKLIN COUNTY					
Juniper Petroleum Corp	Lamczyk-Young #11X-9	330'S 330'W NEc NW NW Sec. 9 5S 1E	4600′	5-1-75	G.L.450.9°

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ELEV.	G.L.446.6° G.L.445.2° G.L.428° G.L.394° G.L.429° G.L.429° G.L.465.4° G.L.465.4° G.L.461°	G.L.402' G.L.396'	G.L.395° G.L.389.3° G.L.417° G.L.488° G.L.488°	G.L.502' G.L.444' G.L.483.5' G.L.466' G.L.456.3' G.L.467'	DF 400 DF 427 DF 422 DF 422 DF 436 DF 408 DF
DATE	7.30.75 7.28.75 4.23.75 5.22.75 6.11.75 6.11.20.75 11.13.75	2-28-75	2.20.75 10.18.75 5.4.75 8.30.75 4.29.75	4-21-75 12-5-75 10-20-75 9-9-75 10-15-75	5.16.75 5.16.75 5.16.75 5.16.75 5.16.75 5.16.75 5.16.75 5.17 5.17 5.17 5.17 5.17 5.17 5.17 5
TOTAL	3164 2893 2595 2572 2871 2705 2118 2139 2120	2906'	3005' 2920' 3000' 3400' 3192' 3012'	3204' 5400' 1354' 3494' 3480' 3480'	2663 2658 2658 2670 2670 2667 2140 2118 2989 2989 2193 2143 2143 2132 2132 2132 2132 2132 213
LOCATION	330'N 330'E SWC SE SW Sec. 18 65 3E. 330'S 330'W NEF SWN WS Sec. 18 65 3E. 330'S 330'W NEF SWN WS Sec. 18 65 ZE. 330'S 330'W NEF SWN WS Sec. 18 62 ZE. 330'S 330'W NEF SWN WS Sec. 18 62 ZE. 330'S 330'W NEF SWN SE SWN SEC. 330'S 330'W SEC NEW SEC. 20 SE	308.5'N 262.3'W SEc Sec. 23 7S 2E	75:N 290'VV SEC NVV NVV Sec. 16 75 3E. 480'S 450'VN NES SVW NSSC. 30 75 3E. 380'S 590'E NVV NVW SEC. 30 75 3E. 330'S 990'E NVV SWW SEC. 17 54 E. 330'S 390'E NVV SWW SEC. 17 54 E. 330'N 30'E SWEWN E Sec. 10 75 4E.	330'N 280'F SWG SE NE Sec. 107S 4E. 330'S 330'W NE SW SWS 862. 267'S 4E. 305'S 524'E NWG NE SE Sec. 277'S 4E. 330'S 660'W NE Sec. 347'S 4E. 330'S 360'W NE SE Sec. 347'S 4E. 330'S 660'E NWG SWC NE NE Sec. 347'S 4E.	330YN 470'E SWCNE NE Sec. 1978 BE. 330N 330'N SEC NEW Sec. 1978 BE. 330N 330'N SEC SWCNE NE Sec. 1978 BE. 330'S 330'N NEC SEN ESC. 1978 BE. 330'S 330'N NEC SEN ESC. 1978 BE. 330'S 330'N NEC SEN ESC. 1978 BE. 330'S 330'N NEC SWCNE NE SC. 1978 BE. 330'N 330'E SWCNE NE SWC. 1978 BE. 330'N 330'E SWCNE NE SWC. 2178 BE. 230'N 330'E SWCNE NE SWC. 2179 BE. 230'N 330'E SWCNE NE SWC. 2179 BE. 230'N 330'N SEC NEW SEC. 2175 BE.
WELL NAME & NO.	Statcup #1 Jungbecker #1 Old Ben #5A Old Ben 6A Tract 12-P Y Gsanovin #1 #1 Benton Flood Unit #244 Benton Flood Unit #244 Benton Flood Unit #245	Horn Diamond #C-1	Peabody Dotson #1  Morer #2-A  Merriman #1E  Franklin County Mining Co. L-#2.  Carter #1-A  Franklin #1.	Ira #1. Downen Heirs #1. McLaren Griggs Comm. #1-A. Sanders #1. Sanders #2. Series Comm. #2.	McKenzie Pankey # 1 McKenzie Pankey # 1 McKenzie Pankey Community # 2 Pankey Uni "# # 1 Pankey Uni "# # 2 Pankey Uni "# # 2 N. H. Duckworth # 1 W. F. Edwards # 5 W. F. Edwards # 5 W. F. Edwards # 5 W. M. Bodwards # 5 W. F. Bodwards # 5 W. F. Bodwards # 5 W. F. Bodwards # 5 Wight Williams # 1 J. Collon # 2 J. Collon # 2 Adams Heres # 1 Noa K. Mince # 1
OPERATOR	H & W Oil Co., Inc. H & W Oil Co., Inc. Shakespeare Oil Co., Inc. Shakespeare Oil Co., Inc. Shakespeare Oil Co., Inc. William L. Suddent of Inc. William L. Suddent of Inc. William C.	Samuel n. dr. Honnas A., Follack G.D./a Pollack Brothers Oil Producers Samuel H. dr. Thomas A., Pollack d/b/a Pollack Brothers Oil Producers	Samuell H. Thromat A. Pollack (Ur) a Samuell H. Thromas A. Pollack (Ur) a Raph E. Strague R. Petroleum Corp. William E. Lempley. Durcent leasts & Poyalites.	C. Michald Culins Broyo Comiss of Disa C. Michald Culins Brothes Oil Co. Pedife Exploration Corp. Hanson Oil Co. Inc. Hanson Oil Co., Inc. Hanson Oil Co., Inc.	Mid-States of properties, Inc.

6.L.373 6.L.373 D.F.382 D.F.386 G.L.356 G.L.356 G.L.511 G.L.376 G.L.376	G.L.374.77 G.L.4211 D.F.4287 G.L.4267 G.L.4327 G.L.4327 G.L.43127	D F 4 10 D F 7 10 D F 389 D F 389 D F 389 D F 486 D F 886 D F
6-3.75 6-6.75 6-9.75 6-13.75 10.31.75 9-13.75 9-16.75	1-28-75 12-23-75 5-6-75 5-13-75 5-20-75 5-15-75	16.75 16.75 16.75 12.80 12.80 12.80 10.20
2525 2835 2814 2776 2765 2960 3130 2716 2716 2898 1890	3463° 3550° 3320° 3326° 3315° 3537°	3479 3479 3487 3665 3066 3066 3066 3066 3067 3187 3187 3187 3187 3187 3187 3187 318
330'S 330'W NE. SE NW Sec. 27 8S 9E. 230'S 330'W NE. SW Sec. 27 8S 9E. 230'S 330'W NE. SW Sec. 27 8S 9E. 230'S 330'W NE. SW Sec. 17 8S 10E. 230'S 330'W NE. SW SEC. 11 8S 8E. 230'S 330'W NE. SW Sec. 11 8S 9E. 180'S 330'W NE. SW Sec. 11 8S 9E. 230'S 330'W NE. SW Sec. 11 8S 9E. 230'S 330'W NE. SW Sec. 27 8S 10E. 230'S 330'W NE. SW Sec. 27 8S 10E.	660Y 1660F SWA NW Sec 31 35 7F 330N 405W SE SW SW Sec. 12 45 7F 330N 330E SW SEc. 13 45 7F 332N 330E SW SE SE SW Sec. 14 45 7E 330'S 330'W NE NW Sec. 23 45 7F 330'S 330'W NE SEc. 23 45 7F	330Y 330W SEC NW NW Sec. 2445 7E. 330Y 330W SAGN LAND SEC. 2445 7E. 330N 330W SAGN LAND SEC. 2445 7E. 330N 330W SAGN SEC. 2445 7E. 330N 330W SAGN SEC. 3165 7E. 330N 330W SAGN SEC. 3165 7E. 330N 330W SEC NE NE SEC. 3165 7E.
Miner A.#2. Rider #1. McCormick #2. Evolyn E. Leach #1. McCormic #1. Helen W. Peeples Corm. #1 Half Gayton #1 Agrarian Ert. Inc. #1 Horace Logsdon #1	Evelon E. each Et al #1 Cleil Thomas #1-A Once #1 Amanda Tate #1 Harre Estate #2 Stellings #1 Am Thomas #1	C. G. Adams #1  Thomas-Adams Comm. #1.  Barber Community #1  Union Central Consolidated #2  Union Central Consolidated #5  Ward Hill Flood Unit #30  Rural Hill Flood Unit #35  Rural Hill Flood Unit #35  Rural Hill Flood Unit #36  Burnatt Ghrood Unit #36
Oil Management, Inc. Tesas American Oil Corp Oil Management, Inc. Oil Management, Inc. Oil Recovery, Inc. Oil Recovery, Inc. D. Turner Eugenet. Morris Eugenet. Morris Eugenet. Strate Oil Inc. Ointed States Oil, Inc.	Optived Research, Inc. C. Richard Collins and Eloyd Collins drib: C. Clinta Brothers Oil Co. C. Richard Collins and Floyd Collins drib: Collins Brothers Oil Co. C. Richard Collins and Floyd Collins drib: Collins Brothers Oil Co. C. Richard Collins and Floyd Collins drib:a	C Richard Collins & Froyd Collins d'Up a C Richard Collins & Froyd Collins d'Up a C Richard Collins & Froyd Collins d'Up a Collins Brothers 01 (Co. C Richard Collins & Froyd Collins d'Up a C Richard Collins & Froyd Collins d'Up a Collins Brothers 01 (Co. Union O1 (Company of California Shell O1 Company

ELEV.	G.L.475.23' D.F.521' D.F.431' D.F.441'	G.L.418' D.F.485' D.F.415' D.F.428' D.F.418' G.L.431'	G.L.436′ G.L.402′	D.F.406'	6.1.404 6.1.404 6.1.404 6.1.409 6.1.439 6.1.439 6.1.439 6.1.439 6.1.439 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.437 6.1.438  6.1.438  6.1.438  6.1.438  6.1.438  6.1.438  6.1.438  6.1.438
PLUGGED	11-25-75 7-31-75 7-30-75 3-3-75	7.28.75 10.30.75 3.21.75 6.4.75 2.27.75 6.5.75	3-6-75	3-4-75	2.27.3 9.20.3 1.1.93.4 1.1.93.4 10.22.3 10.20.3 10.30.3 10.30.3 11.1.84.3 11.1.
TOTAL DEPTH	3365' 3170' 3102' 3145'	3277 3192 3165 3128 3142 1612 3175	3122'	3282′	200 200 200 200 200 200 200 200 200 200
LOCATION	330'N 330'E SW¢ NE NE Sec. 28 65 5E. 330'N 330'W SEc SW NW Sec. 56 5E. 330'S 2805'W NE SE SEC. 65 5E.	330Y 320'ESWU, kill Sep. 786 BE. 320Y 280 FF SWU, kill Sep. 786 BE. 320Y SEP. SWU, kill Sep. 786 BE. 320Y SEP. SWU, kill Sep. 786 BE. 330 ST/TWW Kill Sep. 786 BE. 330 ST/TWW Kill Sep. 786 BE.	330'N 330'E SWc SE SW Sec. 7 6S 6E	330'N 330'W SEc NW SE Sec. 8 6S 6E	300 330V 330V 5E OF SAR. 6E OF SA
WELL NAME & NO.	W. H. Johnson #2 Woodrow Dial #1. J. Cantrell #2 R. C. Dial "B" #2	Groves #2. Frances Hunt #1. Sherman Hunt #1. Johnson Unit #1. Johnson Hunt Unit #1. Johnson-Hunt Unit #2.W	Rural Hill Flood Unit #28 (Dial-Hefner Comm. #2)	A. Mangis #3	Miller #1  And Annier #1  Annier
OPERATOR	S. F. Johnson. Chris Pearson Sr. Chris Pearson Sr. Joe A. Dull	Chris Pearson, Sr. Joe A. Dull Joe A. Dull Joe A. Dull Joe A. Dull Joe A. Dull	Shell Oil Company Samuel H. & Thomas A. Pollack d/b/a Pollack Brothers Oil Co.	Samuel H. & Thomas A. Pollack d/b/a Pollack Brothers Oil Co.	March Act To Rescribe to Control of Control

994S 1002YWNECF, NW Sec. 7 6S 7E 3005 514.75 994S 1002YWNECF, NW Sec. 7 6S 7E 3006 514.75 994S 330S 330F NW Sec. 7 6S 7E 3006 514.75 994S 330S 330F NW Sec. 7 6S 7E 3006 514.75 994S 330N SEC. 8 7 6S 7E 3006 514.75 994S 330N SEC. 8 7 6S 7E 300 500 500 500 500 500 500 500 500 500	330'N 330'W SEC SW SEC 25 4N 5W	E. 28 25N 13W	c. 22 7S 1W 3840' 6.29-75	3307 330F SWC NE SE Sec. 1 5N 9E. 2978 12-18-75 3305 530F WAS UNE SEE SEC. 1 5N 9E. 2295 822-75 3305 530F WAS UNE NOW SEE SEC. 1 5N 9E. 2305 530F WAS SW SEC. 6E N 10E. 3007 44-75 330F SAZOF WAS SW SW SEC. 6R N 10E. 250F SAZOF SWC SW SW SWC 5R N 10E. 250F SAZOF SWC SW SWC SWC SWC SWC SWC SWC SWC SWC	2. Sec. 25 6N 9E         3025         1.2.2.7.75           2. 31 6N 10E         2991         3.28.75           3. Sec. 6N 11E         2687         3.28.75           3. Sec. 6N 11E         2000         6.2.77           4. 175         2000         6.2.77           5. Sec. 13. N 10E         2.77         16.4.75           2. 2. N 10 E         2.77         13.75           3. 7. Sec. 3. N 10 E         2.77         13.75           2. N 2. Sec. 3. N 10 E         2.74         35.75           2. N 10 E         2.34         2.74         35.75           2. N 10 E         2.34         2.34         35.75           2. N 10 E         2.34         2.34         35.75           2. N 10 E         2.34         35.75         35.75           2. N 10 E         2.34         35.74         35.75           2. N 10 E         2.34         35.74         35.74           3. N 10 E         2.34         35.74         35.74           3. N 10 E         2.34         35.74         35.74           3. N 10 E         3. N 10 E         35.74         35.74           3. N 10 E         3. N 10 E         3. N 10 E         35.74	330'S 660'E NWC SENE Sec. 7 1S.7E. 1150 11.19-75 330'S 660'E NWC SENE Sec. 7 1S.7E. 280'S 65.23'NS 280'S 60'S NEW SEC. 27 1S.2E. 280'D 330'S SWC NEW Sec. 23 1S.3E. 2837 12.47'S 12.47'S 15.2E. 2837 12.47'S 15.2E'S 1
		330'S 330'W NEc SE Sec. 28 25N 13W	330'N 330'E SWc NE Sec. 22 7S 1W		330 530 FW NW SEC SW SE Sec. 25 6N 9E 330 530 FW NW SEG. 3R 6N 10E 330 530 FW NW SEG. 3R 6N 10E 330 730 FW SEG. 5W 17E 330 N 330 W SEG. 5W 17E 330 N 330 W SEG. 5W 17 10E 330 N 330 SEG. 5W 18 SEG. 5W 14W 330 SEG. 18 W SEG. 5W 14W 330 SEG. 18 W SEG. 18 W SEG. 5W 14W 330 SEG. 18 W SEG. 5W 14W 330 SEG. 18 W SEG. 5W 18 W 1	
Eugenie Cuppy #6 Eugenie Cuppy #10 Eugenie Cuppy #10 Eugenie Cuppy #20 Eugenie Cuppy #20 Eugenie Cuppy #24 Hubert E. Howard Et al #1	Lowell Thompson #1 Wright #1	Fanning #1	Jackson County Coal Co. #1-A	H. H. Hancey #6 H. H. Hancey #6 H. H. Hancey #6 H. Fankin Geier #1 J. W. McConnell #1 J. W. McConnell #2 L. W. Wilson #1 Wilson Poland #1 Geiger Bros. #1	Dale Newlin #1-B. Zola Kingler Comm. #1 Ososph F. Probst Unit #1 Shareh F. Probst Unit #1 Shareh F. Probst Unit #1 Shareh Husing #1 King Hear Tred #1 Well #1-B. W. Mente Cons. #1-A. Regioner Comm. #1 Refind #1 Thoele #1 Thoele #1 Wm. Hunssker #1 Wm. Hunssker #1 Wm. Hunssker #1	Raymond Copple #1. Adell A. Hagen #1 W. Green Tr. 3 #3. Clifford McKinney Tr. 12 #2
Union Oil Company of California Maxy Oil Company Misty Oil Company	HANGOCK COUNTY John Carlson George S. Ankarlo	John D. Gordon	H.A.V.E. Oil Co	R. W. Harper, Jr. Francis M. Petroe. Francis M. Petroe. Glay City Construction Co. Clay City Construction Co. Lanoll, Inc. John O. Schoffeld, Inc.	B. Y. Glover Branter, L. L. Louver, B. Y. Glover du las Sharrent, C. L. Louver, B. Y. Glover du las Sharrent, C. L. Louver, B. Y. Glover du las Bellein Olfo. Arthur Eubank A. Man Drilling Co. F. M. Minnor Drilling Co. J. E. Brown J. Glover du last du las Parrish Production Co. George Parrish du las Parrish Production Co. Total Leonard Inc. Total Leon	E. W. Goodwin Charles E. Fisher, Jr. Texaco, Inc.

OPERATOR	WELL NAME & NO.	LOCATION	TOTAL	DATE	ELEV.
Samuel H. & Thomas A. Pollack d/b/a Pollack Brothers Oil Producers Frank E. Lindsay	Donoho #1. Winnie Meloy #1.	330'S 330'W NEc SW SE Sec. 6 1S 4E	2850'	10-10-75 9-30-75	G.L.497' G.L.485'
C. Information or motion commissions and collins Brothers Oil Co Even Michaeler Ferraria T. L. Cit Ferraria T. C. Ferraria Mango, Inc Goose Creek Oil Co., Inc Louinger Petroleum Corp	Eugene Sargent #1 Wiley Hill Volvies #1 Wilson #2 Wilson #2 Wilson #3 Wilson #4 Wilson #4 Wayne Estes #1 Marint Zedals #1 Marint Zedals #1 Hughes #134X-86 Hayse #33X-32	EXDIN 2000 W SEC SE Sec. 2.25 ZE. 3015 3300 W M SEG SENG SEC. 125 ZE. 8010 3301 SEC SENG W SEC. 10.25 4E. 8011 3301 SEC SEC. 11.25 4E. 3010 SEC SEC. 11.25 4E. 3010 SEC SEC. 12 SEC. 12 SEC. 13 SEC. 1	4537' 2832' 3890' 2932' 3975' 3100' 6625' 6285'	11-11-75 7-24-75 11-29-75 6-13-75 10-21-75 10-21-75 6-16-75 6-16-75 4-8-75	G.L.532' G.L.491' G.L.485' G.L.460' G.L.490' G.L.490' G.L.413' G.L.419.7'
JOHNSON COUNTY					
Texas Pacific Oil Co., Inc.	B. Farley Et al #1Branham Comm. #1-C	880'S 730'E NWc SE Sec. 34 13S 3E	14274'	9-6-75 1-25-75	G.L.677' G.L.499'
LAWRENCE COUNTY					
Kenneth Musgrove Dil Co. Martarkon Oil Company Marthon Oil Company Back Black Dil Co. Harvey W. Larsdowne Charles E. Carr Harvey W. Larsdowne Fancis Gillespie Waynes Smith. Operator, Inc. Televest Exploration, Inc.	Arhur Akin Et al #1.4. J. B. Kerr Tr. #31 J. B. Kerr Tr. #33 Hedden #1 Jack Hershey #1 Marich Moore #1 Watte Buchane Wirgil Decleard #1 L. Bennott #1.4. Cunningham #2.	330'S 330'W NEC SE NW Sec. 5 2N 11W 50N 180'W SEC. 8 WW Sec. 2 2N 12W 50N 200'W SEC. 8 W NEW 330'S 330'W NES SEC. 8 M 12W 330'S 330'W NES SEC. 8 M 12W 330'S 330'S SEW SEC. 8 SEC. 8 M 12W 330'S SEW W SEC. 8 SEC. 8 M 12W 330'S SEW W SEC. 8 SEC. 8 M 12W 330'S SEW W SEC. 8 SEC. 8 M 12W 330'S SEW W SEC. 8 SEC. 8 M 12W 330'S SEW W SEC. 8 SEC. 8 M 12W 330'S SEW W NES SEW. 2 S M 12W 330'S SEW W NES SEW. 2 S M 13W	1839 1863 336 2300 1665 1608 1220 1420 2694	6-20-75 11-19-75 10-23-75 7-4-75 6-14-75 8-26-75 5-1-75 10-21-75	GL 414' GL 496' GL 498.3' GL 433' GL 435' GL 421' GL 425' GL 425' GL 425' GL 425' GL 483' GL 488'
C. E. R. Production Co. Cor Oil Information Corp. Schowack Dhilling Corp. Edward C. Steckler Ett. Edward C. Steckler John M. Zareits John M. Zareits Marthen Oil Company.	J. C. Kosevelt #1 J. C. Koseve	200 N 30FE SV6 NW NW 560. 21 71 3W 200 N 30FW 56C M 56C 55C N 13W 200 S 30FW 66C M 56C 55C N 13W 200 S 30FW 66C M 56C 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 S 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 56C M 1 M 200 N 30FW 66C M 1 M 200 N 30FW 66	2747. 1773. 3582. 1647. 1630. 1930. 1930. 1650. 1650. 1750.	7.16.75 10.30.75 10.30.75 9.17.75 6.18.75 12.17.75 1.20.75 9.23.75	G.L.436 G.L.438 G.L.412 G.L.417 G.L.407 G.L.407 G.L.480 G.L.480 G.L.517

990'S WINCH KINW Sec. 7 381 12W 340'S SERVICK KINW Sec. 7 381 12W 340'S SERVICK Sec. 7 381 12W 1690'S SERVICK Sec. 7 381 12W 1690'S SERVICK Sec. 7 381 12W 1690'S SERVICK SEC. 500 12W 200'N SERVICK SEC. 500 12W 160'N 180'E SWA SEC. 500 12W 160'N 180'E SWA SEC. 20 381 12W 160'N 180'E SWA SEC. 20 381 12W 160'N 180'E SWA SEC. 20 381 12W 250'S SERVICK SWA SEC. 20 381 12W 250'S SERVI	330°S 480°W NEC NW 59c, 30 3N 12W, 330°S 530°W NEC Seri C 2N 13W, 330°S 530°W NEC Seri C 2N 13W, 330°N 330°N 330°N 330°N 330°N 330°N 330°N 330°N 530°N 530°S 530°N 50°S 530°N 50°S 530°N 50°S 530°N 50°N 50°N 50°N 50°N 50°N 50°N 50°N 5	330'N 330'E SWc NW NW Sec. 11 5N 3W	330'N 330'E SWC NW SW. Sec. 515N 1E. 330'S 330'W NEC NW Sec. 22 16N 1E. 330'N 1650'E SWC SE Sec. 36 16N 1E. 330'N NEC NW NW Sec. 2 16N 3E.	280'N 330'W SEC NW NE Sec. 16 7N 7W
Charles E. Carr   Raymond Cooper #7 A.	Territ Jackson & Choe Well (I/D)	Killjordan #1.	Gene Durcan & Herbert E. Fear d/b/s Fear & Durcan (Producers Fear & Durcan Oll Producers Boyd C. Marchard Producers W. A. Conley W. A. Conley Funnesson Welker King #1 King #1	Schreier #2-A

OPERATOR	WELL NAME & NO.	LOCATION	ТОТАL DEPTH	DATE	ELEV.
Peer G. Durcan. John Essalen, John Essalen, M. M. M. Oil and Gas Producers. MACOMURE Kineaid MACOMURE Kineaid	Ouncen #1 Edsal #1 Rewby #2 Haley #1 Mazier #1	1084'S 18E'W NEC NE SW Sec. 16 BN BW BZPS SSIZE NEW CHE SEC. 228 BW 320'S 370'E NWC SE NW Sec. 17 8N 7W 990'N 1650'W SE Sec. 34 9N BW 330'N 330'E SWC NE Sec. 20 10N 7W	443. 470. 370. 509.	4-9-75 9-29-75 10-27-75 10-27-75	G.L.630' G.L.642' G.L.545.2' G.L.583.4' G.L.627'
Stocker & Siter, Inc. Fred Saip. Fred Saip. Stocker & Siter, Inc. Stocker & Siter, Inc. M. Justin J. Found to Stocker & Stocker, Inc. M. Justin J. Found to Sain Stocker & Stock	E. L. Suess #1 Alva Wilson Comm.#1 Alva Une #1 Charles Wiene #1 Charles Wiene #5 Knoeger State #11 Mon. Abterent #2 James Alvey Comm. #1	660TN 330TE SWLCMW SW Selt. 23 4N BW 30NT 330TW SELE WIS SELT 7AN TW 48NT 55EE EWING SELT 7AN TW 58NT 330TE SWLC (EWING SELT 15 M SWL 58NT 330TE SWLC (EWING SELT 15 M SWL 58NT 330TE SWLC (EWING SELT 15 M SWL 58NT 330TE SWLC (EWING SELT 15 M SWL 44TY 58UT WING SELT 25 M SWL 44TY 58UT WING SELT 20 M SWL 44TY 58UT WING SELT 20 M SWL 44TY 58UT WING SELT 30 M	2125 6637 1930 1632 1632 1632 508 508 565 660 600	9-24.75 4-22.75 6-26-75 9-10.75 9-10.75 3-21.75 3-21.75 12-4.75 1-7-75 9-23.75	GL526 GL531.2 GL546.6 GL546.6 GL51.7 GL51.7 GL587 GL587 GL587 GL587 GL587
MARION COUNTY Reber M. Garren George F. Yocun GAM, Oil Company Cress Oil Co. Inc. GAM Oil Company Cress Oil Co. Inc. Goode Creek Oil Co. Inc. Goode Goode Creek Oil Co. Inc. Goode Beath of Unity Goode Goode Creek Oil Co. Inc. Goode Beath of Unity Goode Creek Oil Co. Inc. Goode Greek Oil Co. Inc. Goode Creek Oil Co. Inc.	Sachtelben #1-A. S. Emmons #1 James Brasel Comm. #1 James Brasel Comm. #1 Klomp #1 K	1005 S. 2780VW NEC Sec. 4 IN 1E. 2007 S. 330VW NEC Sec. 8 IN 3E. 2007 S. 330VW NEC Sec. 8 IN 3E. 2007 S. 330VW NEC Sec. 8 IN 3E. 2007 S. 330VW SEC Sec. 19 IN 3E. 2007 S. 330VW SEC Sec. 19 IN 3E. 2007 S. 330VW SEC. 18 IN 3E. 2007 S. 330VW SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W SEC. 18 IN 3E. 2007 S. 330V W W W SEC. 20 IN 3E. 2007 S. 330V W W W W W W W W W W W W W W W W W W W	865 2821 2914 2914 2917 3000 4000 4010 2670 2670 2670 2811 2812 2812 2813 2813 2813 2813 2814 2817 2817 2817 2817 2817 2817 2817 2817	10.3.75 96.77 3.26.77 9.26.77 10.25.75 10.29.77 10.29.77 7.10.75 7.10.75 2.10.75 4.15.75 10.22.75 10.22.75	61,463 61,877,38 61,877,38 61,877,38 61,878

330'N 660'W SEC NW Sec. 32 3N 3E 3875' 3.2.75 G.L.551 160'S 100'E NW CNE Sec. 34 4N 1E 3021' 4-6.75 G.L.503	330'S 330'F NWC SE SW Sec. 10 BN SW 1900 7-24-75 G.L646.8 330'R SGOF WNV SE SW Sec. 10 BN SW 1813 1-7-75 G.L661.8 320'R SGOF WNV SE SW SE W SE SEC. 381 N2 W 20 S 320 C WN SE SEC. 381 N2 W 20 S 320 C WN SEC. 31 N1 N4 W 25 S SEC. 31 N1 N4 W 25 S S S S S S S S S S S S S S S S S S	330'S 330'W NEc SW SE Sec. 29 14N 6E	330'S 330'F NVV CSV N NE Sec. 54S TW 1666 12:24-75 330'S 330'W NE SSW 185 Sec. 304S 3V 330'S 330'W NE SEC. 304S 3V 330'S 330'W NE SEC. 304S 3V 330'S 330'W NE SEC. SEC. 804S 3V 330'S 330'W NE SEC. 80 W Sec. 234S 4V	330N 330E SVOR SECF 295 1W 330N 330W SEC NUS SECF 45 SW 320N 330W SECH ISEA SE 31 W 30N 330W SECH ISEA SE 31 W 30N 330W SECH ISEA 19 SE 3W 30C 330T RWUC SW SW SEC 28 S 3W 330C 330T RWUC SW SEC 28 S 3W	330'N 330'E SWc SE Sec. 25 138 5E	330'S 330'E NWC SW NE Sec. 35 45 SW. 2525 10-775 G.L.527 645'N 420W SEC NW Sec. 255'W 7435 7435 9-10-75 G.L.437 750'S 70'S 70'S 70'S 70'S 70'S 70'S 70'S 7	330'S 660'E NWe SW SW See, 6 2'N 9E, 312' 2.13.75 G.L.443' 330'S 300'W Ne SW NW SW See, 7 172' 300'W 2.175 G.L.443' 330'S 300'W NW SW
C. Richard Collins & Floyd Collins d/b/a Collins Brothers OI Co Adias Oil Company  E. G. Headly #1-A	Hampton #1   Hampton #1   Hampton #1   Hampton #2   Ham	MODUL RIE COUN Y  Parricia Dur #1  Pon Dur #1  Hydrosabon Survey, Inc.	ollack d/b/a cers	A. Baldridge   Bythe # 1 - A	POPE COUNTY Elton M. Botts	H. Stewart #1   H. Stewart #	Montgomery #2.  William B. Hudson. William B. Hudson.  Underly #2.  Underly #1.  Edon Dolling: Edon Dolling #1.  Forney #1  Forney #1  Forney #2  Conney #1  Forney #1  Forney #2  Forney #1  Forney #2  Forney #1  Forney #2  Forney #

1	11			
ELEV.	G.L.416 G.L.479 G.L.470 G.L.470 G.L.470 G.L.461 G.L.461 G.L.461	G.L.426' G.L.424' G.L.425' G.L.432' G.L.532' G.L.532' G.L.566' G.L.567'	G.L.490° G.L.467° G.L.476° G.L.439° G.L.446°	6.L476.3 6.L480 6.L476 6.L514 6.L514 6.L430 6.L437 6.L489 6.L489 6.L489 6.L489 6.L489 6.L489 6.L489 6.L489 6.L489 6.L489
DATE	12-2-75 8-8-75 6-7-75 6-18-75 9-16-75 2-7-75 2-7-75 5-3-75 5-5-75 7-31-75	6-7-75 4-7-75 6-10-75 6-18-75 1-23-75 7-24-75 4-17-75 4-3-75 4-3-75	6-20-75 6-24-75 8-28-75 12-23-75 4-29-75 10-2-75 6-18-75 6-20-75	5-19-75 1-24-75 1-24-75 5-1-75 1-27-75 1-27-75 1-27-75 1-27-75 1-27-75 10-28-75 6-23-75 4-28-75 4-28-75 3-18-75 8-11-75
TOTAL	3016' 3600' 3592' 3020' 3722' 3722' 3565' 3765' 3770' 3770'	3110° 3098° 3085° 3074° 3250 3270° 3179° 3535°	3100' 2556' 2953' 2974' 3011' 2965' 2911'	34011 3018 3020 30020 3007 3007 3007 3011 2915 2915 2933 3080 3080 3080 3080
LOCATION	990'S 330'F NWC NE Sec. 14 3N BE 225'N 134'N'S ES Sec. 83 3N 9E. 660'S 660'E NWC Sec. 10 3N 9E. 230'S 230'N'R ES Sec. 15 3N 9E. 103'S 957'W NE Sec. 15 3N 9E. 330'N 460'W SEC NE SE Sec. 17 3N 9E. 330'S 430'W NE SE Sec. 17 3N 9E. 330'S 340'W NE NW Sec. 17 3N 9E.	680'S 330'W NE. SW NE Sec. 93N 10E. 330N 330W SEN RIV W. Sec. 163N 10E. 330N 330E SWA SEN RIV W. SEN SEN 10B 10E. 330N 330E SWA SEN SEN 10B 10E. 330E SAGW SEN SEN 10B 10E. 330E SAGW SEN	10117/53217 NWC 5WW ESGE, 24 N 9E 660'S 330'W NE NW SE SEE, 24 N 9E 330'S 330'W NE NW SE SEE, 34 N 9E 330'S 330'W SEE SW SEE, 36 N 9E 330'N 330'W SEE SW SEE, 36 N 9E 330'N 390'E SW N ESGE, 44 N 10E 550'N 330'W SEE W N ESGE, 44 N 10E 430'N 330'W SEW W SW SEE A4 N 10E	330'S 680'E NWC NE NW Sac. 6 4N 10E. 330'N 680'E SWO KNE SAC. 6 4N 10E. 330'N 680'E SWO KNE SAC. 6 4N 10E. 330'N 680'E SWO
WELL NAME & NO.	Herdes #1 Means Comm #1 Robards #1 F. E. Junkins #1 Allard #1 Allard #1 Allard #2 Wan Blassom #1-A Meath #1	Musch Heirs #1. Cifford Scholert #1 Hinkle #2. Un Hinkle #3. Dones #1 Faschle #2 Faschle #2 Books #2 Books #2 Faschle #2 Faschle #2 Faschle #2 Faschle #3	Lenear #2 Lonear #2 Hartel Hunley #1 E. Cortal #1 Figod W. Hill Et al #1 Finchley #1 Gorald Kornicle #1	Murry #1 Don Wisson #1 Don Wisson #1 Down Wisson #1 Down *2 Selet #1 H. Schmopper #4 Wisson #1 Wisson #1 Wisson #1 Wisson #1 Wisson #1 Kelly Kermicle Et al. "g", #1 Kelly Kermicle Et al. "g", #1 Zuber Dietrich Comm, #1
OPERATOR	Charles R. & Nama J. Thomas H.A.V.E. Oil Company H.A.V.E. Oil Company L. Van Frasan Associates John B. Murvin William B. Hudson Walliam B. Hudson Carl When R. W. Happen, Ur. R. W. Happen, Ur.	C. Chepmen P. Tom L. Smith d'bi's endegeage Dilling Co., Inc M. Rudy Co. Bolis-Gerb Dilling Corp. Bolis-Gerb Dilling Corp. W. H. Kinstell Bolis-Gerb Dilling Corp. W. H. Kinstell Bolis-Gerb Dilling Corp. Rusk et Willems.	John B. Muvini John B. John B. All John M. Zanetis John M. Zanetis John M. Zanetis	Final K. Penak (Dil.) Final is Petroleum Exploration John M. Zanetis John M. Zanetis Mal Valley Oil Poducers, Inc. Mal Valley Oil Poducers, Inc. Mal Valley Oil Poducers, Inc. Final Vother Final Vother Bell Borbher Bell Pothers State oil Co., Inc. Shakespace Oil Co., Inc. John M. Zanetis

	G.L.436' G.L.421' G.L.445' G.L.445' G.L.456' G.L.421'		G.L.368°	G.L.4537 G.L.4527 D.F.4547	G.L.368'	6.L386 6.L386 6.L336 6.L438 6.L428 6.L428 6.L439 6.L436 6.L400 6.L410	6.1.588.7 6.1.586.5 6.1.586.5 6.1.587.9 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.586.9 6.1.586.9 6.1.586.9 6.1.586.9 6.1.586.9 6.1.586.9 6.1.586.9 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8 6.1.587.8
	5-6-75 7-21-75 1-24-75 12-19-75 1-9-75 10-30-75 2-14-75		12-8-75	5-2-75 4-30-75 1-4-75	5-6-75	5-7-75 8-5-75 11-26-75 11-26-75 11-28-75 11-28-75 19-22-75 10-7-75 10-7-75 10-7-75 10-7-75 10-7-75 10-7-75	914.75 11.29.76 33.17.5 73.17.5 7.31.75 7.41.75 5.41.75 13.8.75 11.8.75
	2052' 2479' 1693' 2643' 1910' 1940'		3132′	3283' 3339' 3192'	3212'	3160 3050 3050 3005 2002 2002 2000 2000 2171 2178 2158 2158 2158	1787 1774 1774 1771 1834 1838 1783 1808 1808 1802 1787 1787 1787 1787 1787 1787
-	330'N 990'W SEG SE SW Sac. 24 IN 6W 30'S 330'W IN EN PR PR of 1 Cri 44'I IN 10W 30'S 660'W INE PR NT W SEG 91'S 6W 30'S 330'W IN ES WIN WS EG 91'S 6W 30'S 330'W IN ES SE SEG 35' IS 8W 30'S 330'W WE SE SE SEG 35' SW 30'N 445'E SWC SEG 20'S 5W 990'S 330'W NE SW SE Sec. 3 3S' 7W		330'S 330'E NWc NE NW Sec. 297S 7E	330'S 330'W NEC SW NW Sec. 19 7S 5E. 330'S 330'E NWC NE NW Sec. 19 7S 5E. 330'N 330'E SWC NE NE Sec. 30 7S 5E.	780'S 330'E NWc SE NE Sec. 36 7S 6E	300 330F EWOK NE NE G. 66.5 6E. 307 330F EWO STOR FOUNDER S. 46.7 8 F. 307 330F STOR STOR S. 48.5 8.5 E. 44AN 442W SER VER S. 28.5 SE. 44AN 442W SER VER S. 28.5 SE. 307 330W NEW WW. Sec. 28.5 SE. 307 330W NEW WW. Sec. 28.5 SE. 26.5 200W NEW WW. Sec. 38.5 SE. 26.5 200W NEW WW. Sec. 38.5 SE. 26.5 200W NEW WW. Sec. 38.5 SE. 26.7 200W NEW WW. Sec. 38.5 SE. 26.7 200W NEW WW. Sec. 38.5 SE. 26.7 30W NEW S. 20.5 SE.	300'N 30'N SEC SW NW Sec 5 144) 3W 30'N 30'N SEC 5 WA NW Sec 5 144) 3W 30'N 30'N SEC 5 SW Sec 4 144) 3W 30'N 30'N SEC 5 SW Sec 4 144) 4W 90'S 30'N WES 5 SW Sec 12 144) 4W 90'S 30'N WES 5 EN ES EN 12 144) 2W 166'N 30'N SEC 5 EN ES EN 13 140 ZW 166'N 30'N SEC 5 EN ES EN 15 140 ZW 30'N 10'N SEC 5 W SEC 118 ZW 30'N 10'N SEC 5 W SEC 118 ZW 30'N 10'N SEC 5 W SEC 118 ZW 30'N 30'N SEC 5 SEC 6 15 SW 3W 30'N 30'N SEC 5 SW EN EN 8 SEC 9 16 N 3W 30'N 30'N SEC 5 SW EN 15 SEC 11 15 XW 30'N 30'N SEC 5 SW EN 15 SEC 11 15 XW 30'N 30'N SEC 5 SW SEC 118 ZW 40'S 330'N VEC 5 SEC 17 15 XW
	Russel J. Renth #1 Schlemmer #1 Schlemmer #2 R. L'Okbetur #1 Casper Koeler #1 Casper Koeler #1 Schwedel #1 Patton "A" #1		Willard Phipps #1.	Paul Jones SWD #1	Louie Choisser #1	Ubryd Moros #1 John Kosh #1 John Kosh #1 Ferroids #1 Ferroids #1 Ferroids #1 For #1P Grant #1P Cost #1P Cost #1P Cost #1P Cost #1 Cost	Iva G ii Walker #1 Walker #2 Walker #2 Walker #2 Walker #2 Folice #1 Folice Ormali Trost #1:A Folice Ormali Trost #1:A Folice Ormali Trost #1:A Folice Ormali Trost #1:A Folice Folice #4 Real-Spicer #4
ST. CLAIR COUNTY	Shakespeare Oil Co. Inc. Elmes Schlemmer. Elmes Schlemmer. The Superior Oil Co. The Superior Oil Co. Petro Mirreals Corp. Petro Mirreals Corp. Petro Mirreals Corp. Petro Mirreals Corp.	SALINE COUNTY	A. & D. Oil Co. C. Richard Collins & Floyd Collins d/b/a	Collins Brothers Oil Co. C. Richard Collins Broyd Collins dyb/a Collins Brothers Oil Co. John Dale Cavaness.	J. Roy Dee d/b/a Illinois Mid-Continent Co. & Dee Drilling Co.	C. THOU VEE UP IS IMPOS MICHORINER  D. C. THOU VEE UP IN THE CAPE  P. C. THOU VEE UP IN THE CAPE  D. C. THOU VEE UP IN THE CAPE  C. THOU VEE UP IN TH	Triple G. Oil Company Triple W. Oil Company Triple W. Oil Company Par Gentle Homeier Oil Frientpriese, Inc. John Carey Oil Co., Inc. Homeier Oil Frientpriese, Inc. John Carey Oil Co., Inc. Homeier Oil Enterpriese, Inc. Homeier Oil Enterpriese, Inc. John Carey Oil Co., Inc. Triple Goil Co., Lud. Triple Goil Co., Lud. Triple Goil Co., Inc. Triple Marquand Boyd Marquand Homeier Oil Enterpriese, Inc.

OPERATOR  Homeier Oil Enterprises, Inc. Homeier Oil Conjunction Carey Oil Conjunction Carey Oil Conjunction Carey Oil Conjunction Carey Oil Conjunction Oil Carey Oil Conjunction Oil Carey Oil Conjunction Oil
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7-5-75   G.L.658'	3.22.75 G.L.491 8.27.75 G.L.491 6.28.475 G.L.407 6.28.475 G.L.407 6.28.475 G.L.407 10.216.775 G.L.437 11.775 G.L.495 11.775 G.L.407 10.28.775 G.L.407 10.28.775 G.L.407 10.28.775 G.L.407 10.28.775 G.L.407	12.29.75	3.4.75 D.F.408° 3.4.75 D.F.407° 9.4.75 G.L.420°	3-6-75 D.F.409° 11-12-75 D.F.405° 11-19-75 G.L.402° 11-7-75 D.F.406°
1500′	2377 1338 2402 2402 2367 2368 1475 2404 1874 1874 1874 3890 3890 3890 3865 3867 3867	2382 2408 2408 2408 2408 2408 2408 2408 2508 2508 2508 2508 2508 2508 2508 25	2569' 2580' 2650'	2583° 2580° 2575° 2585°
330'N 330'E SWc NW SE Sec. 10 17N 11W	330'S 330'F NWC SW'SE Sec. 10 IN 12W 23.4'S 530'W MEE Sec. 17 IN 12W 23.4'S 530'W MEE Sec. 18 IN 12W 23.5'W SAG SEC. 18 IN 12W 23.5'W SAG SEC. 18 IN 12W 23.5'W SAG SEC. 24 IN 12W 23.5'W SAG WEE SEC. 24 IN 12W 23.5'W SAG WEE SEC. 24 IN 13W 23.5'W SAG WEE SEC. 18 IN 14W	320YN 3300 W SEE NE NE 566. 33 2N 12W 320YN 330W SEE NE See, 33 2N 12W 320YN 330W SEE NE See, 33 2N 12W 330YN 330W SEE NE See, 32 2N 13W 330YN 330W SEE NE SEE SEE SEE SEE SEE SEE SEE SEE	2310'S 1668'W NEC SW Sec. 528 13W	330'N 330'W SEc Sec. 6 25 13W 330'S 330'W NEC EE NE Sec. 7 25 13W 330'S 330'E NWC SE NE Sec. 7 25 13W
Beard #1	C. Thornert #1 Olin D. Mulmax #1 Mulmax #2 Mulmax #2 Mulmax #2 House #3 Hou	Robert A. Gher #1 Learnest #1 P. Earnest #1 P. Earnest #2 P. Earnest #2 P. Earnest #2 P. Earnest #2 Incodore Case #2 Incodore #2 Incodore Case	Mamie Wallace "B" #4-W Mamie Wallace "B" #5-W Frese #3	Marnie Wallace "B" #10-W Maude Cowling #1. Maude Cowling #2. Maude Cowling #3.
VERMILION COUNTY TransAmerican Oil 6 Gas Co., Ltd	Raymond Brinkley  D. Lyb Deterfed Mol. 2 addina) 01 Co.  D. Lyb Deterfed Mol. 2 addina) 01 Co.  D. Lyb Deterfer div. 3 addina) 01 Co.  Raymond Brinkley  Raymond Brinkley  Raymond Brinkley  Farmond Mol.  Co.  R. Karpinelma Corp.  Louis A. Pressina  Julingen Petroleum Corp.	Darriel S. Huddisteron, Ward Warner, Robt. Kirkwood John Caliente Ol Co. Var Fossan Associates Carl White Francis L. Beard Goy Ol, Inc. Coy Ol, Inc. Goy Ol, Inc. Goy Ol, Inc. Goy Ol, Inc. Goy Ol, Inc. Sparlar Pertoleum Co. Not Sparlar Pertoleum Co. Sparla	Jack L. Blintst Boyle Frankland d.lb.a Elliott B Frankland Jack Elliott B Doyle Frankland d.lb.a Jack L. Blintst B Doyle Frankland d.lb.a Elliott B Frankland S Freed Jack Frankland d.lb.a	Elliott & Frankland Juniper Pertoleum Corp. Juniper Petroleum Corp. Juniper Petroleum Corp.

OPERATOR	WELL NAME & NO.	LOCATION	TOTAL	DATE	ELEV.
Jack L. Elliot & Dovle Frankland d/b/a					
Elliott & Frankland	Mamie Wallace "B" #8-W	330'N 330'W SEc NE NE Sec. 7 2S 13W	2574'	3-5-75	D.F.402'
Elliott Brankland Juniper Petroleum Corp.	Wallace "B" Lease #9	330'S 330'W NEC Sec. 7 2S 13W 330'S 330'E NWC SW NW Sec. 8 2S 13W	2578'	3-28-75	D.F.406' D.F.406'
Jack L. Elliott & Doyle Frankland d/b/a		Service Control of Service Contr	100		200
Yingling Oil, Inc.	Mamie Wallace #B-/	330 N 330 E SWC NW NW Sec. 8 25 13W 45.8'N 315.6'W SEc NE NW Sec. 14 2S 13W	25/2	3-6-75	G.L.402
Vingling Oil, Inc.	Alfred Kennard #2	45.8'N 35'W SEc NE NW Sec. 14 2S 13W	1956′	10-16-75	G.L.515'
Yingling Oil, Inc.	Alfred Kennard #4	619.1'S 239.5'E NWc NE SW Sec. 14 2S 13W	1311	10-10-75	G.L.395
Yingling Oil, Inc.	Alfred Kennard #12	369'S 914'E NWc NE SW Sec. 14 2S 13W	2005,	10-15-75	G.L.397
Midwestern Supply Co., Inc.	Coe LSOld well on Coe LS.	NE acre of the NE10 acres of the NW 1/4. Sec. 16.25 13W	2464	7-23-75	G.L
John B. Murvin	Kurt #1-B	330'S 330'E NWc NE Sec. 17 2S 13W.	2600	9-11-75	D.F.404
Gilbert A. Higgins	J. L. Follis #1	1900'S 950'E NWc Sec. 1928 13W	1828	8-9-75	G.L.400′
Gilbert A. Higgins.	Clarence Schmidt #1	2103'S 1145'W NEc NW Sec. 19 2S 13W	1800′	8-14-75	G.L.404
Gilbert A. Hiagins	Epler Et al Comm. #1	1650'N 330'W NEC NW Sec. 30 2S 13W	2006	12-3-75	G.L.43/
Alene M. Blades.	Ethel Parmenter #1-A	601'S 990'W NEc Frac. SW Sec. 21 2S 13W.	2903.	6-18-75	G.L.378
Gilbert A. Higgins	Parmenter #5.	330'N 330'E SWc NE NW Sec. 31 2S 13W	2515	9-28-75	G.L.380'
T. W. George Trust.	Fred A. Bosecker #W-9	330 N 330 W NEC SW NE Sec. 11 25 14W	2597	4-21-75	G.L.402 G.L.405
T. W. George Trust.	South Bellmont Unit Well #3	330'N 330'W SEc SW SE Sec. 11 2S 14W	2570'	4-11-75	G.L.406′
Glenn Seigle	Mary Dunkel #2	330'S 330'W NEc SE NW Sec. 14 2S 14W	2651	11-19-75	G.L.405'
T W George Trust	Court Bollmost Hois #6	330'S 330'W NEC SW Sec. 14.25 14W	3036	10-10-75	G.L.403
T. W. George Trust.	South Bellmont Unit #7	330'N 330'W SEC NE NW Sec. 14.25 14W	2585	4-17-75	G.L.405
R K Petroleum Corp	Mary Richardson #1	330'S 330'W NEc SE Sec. 35 2S 14W.	2935	6-16-75	G.L
R K Petroleum Corp	Mary Richardson #2	330'N 990'E SWc SE NE Sec. 35 2S 14W	2527'	6-18-75	G.L.375'
R K Petroleum Corp	Richardson Unit #W-1	4'N 330'E SWc NW Sec. 36 25 14W	2527	6-12-75	G.L.383'
Louis A. Pessina	Toops-Weil Comm. #1	330'N 330'E SWc NW NE Sec. 163S 14W	2905	5-25-75	G.L.369'
Luboil	Helm #W-13	428'S 1886'E NWc SE Sec. 22 3S 14W.	2636'	1-7-75	G.L.381
Luboil	Helm #W-28	10'S 810'E NWC NE Sec. 27 3S 14W	2776	1-9-75	G.L.378'
WASHINGTON COUNTY					
George E. Kuhn Merico Mazzarino: Merico Mazzarino N. A. Baldridoe	Harry Mitchell #1-B Louis Arning #7 Neuhaus #3. Nierman Heirs #2	330'S 330'W NEC SENW Sec. 27 1N 1W 330'N 330'E SWC NE NW Sec. 91 51 W 330'S 990'W NEC SE NW Sec. 91 51 W	1476' 1417' 1380' 1497'	12-16-75 10-7-75 10-15-75 11-18-75	G.L.452' G.L.479' G.L.484' G.L.525'

511-75 GLL411 8-13-75 GLL411 8-13-75 GLL501 8-6-75 GLL503 8-6-75 GLL503 8-12-75 GLL503 8-12-75 GLL503 8-12-75 GLL403 8-13-75 GLL403 8	11-1-76 GL436 6-5-76 GL436 6-5-76 GL436 7-1-76 GL438 7-1-76 GL438 7-1-76 GL438 12-3-76 GL438 7-2-76 GL438 6-25-76
985 1551 1676 4176 4176 2876 3052 2873 2873 2873 1173 1173 1173 1173 1173 1173 1173 1	23.66 20.00
990'N 990'N SEC NE NE Sac. B 15 4W, 883'N 800'E SWIC SWIC SWIC SE NY 800'N 800'E SWIC SWIC SWIC SWIC SWIC SWIC SWIC SWIC	330°N 330°E SWENW SE Sac. 26 IN BE 330°S 370°N EDWAY SWENS SIN NE 330°S STOR SWEN LEE MAN SE SAC. 4 IN BE 330°N STOR SWEN SAC. 2 IN BE 100°N 689°E SW. 25°S. 2 IN BE 330°N STOR SWEN SWEN SAC. 2 IN BE 330°S STOR SWEN SWEN SAC. 2 IN BE 330°S SAC SWEN WAR SWEN SWEN SWEN SWEN SWEN SWEN SWEN SWEN
Herry Beatr #2. Shouse series Unit #1 Roads #2. Krashes #4.7 Krashes #4.7 Krashes #4.7 Krashes #4.1 Krashes #4.2 Krashes #4.1 Februi #4.1	Spicer-Becker Comm. #1 Cayron Mansham #1 Pend Durker #1 Pend Durker #1 Pend Durker #1 J. Williams #1 J. Williams #1 J. Williams #1 J. Williams #2 Reges: Lacory #1 Tract 35 J. Williams #2 J. Matchert #1
Ego Oil Co., Inc., Control J. Kickenkemper Enward J. Kickenkemper Enward J. Kickenkemper Structure J. Kickenkemper Structure J. Kickenkemper Structure P. Castic. Structure P. Castic. Structure P. Castic. Structure P. Castic. Structure Structure Oslagare Oil Co. E. M. Self. Junione Partoleum Corp. Junione Partoleum Corp. Junione Partoleum Corp. Structure P. Structure Structure Structure Structure Structure Structure Structure Oslagare Oil Company Cesto Oil Linc. Crest Oil, Inc.	MAYNE COUNTY Midwatest Oil Producer. Midwatest Oil Producer. Midwatest Oil Producer. Grid Listing Grid Listing Grid Listing Grid Listing Grid Listing Don W. Slater Listing Don W. Slater Listing Don W. Slater Listing Listin

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ELEV.	61434 61434	G.L.400 D.F.472
DATE	4.1-1-19-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-9-	7-2-75
TOTAL	32.00 32.00	3153
LOCATION	330'N 330'N SEC NE SE Sec. 13 IN 8E. 330'N SECRIVAN SEC NE SE Sec. 13 IN 8E. 330'N SECRIVAN SEC. 25 IN 8E. 330'N SECRIVAN SEC. 25 IN 8E. 330'N SECRIVAN SEC. 27 IN 8E. 330'N SECRIVAN SEC. 27 IN 8E. 330'N SECRIVAN SEC. 27 IN 8E. 330'N SECRIVAN SEC. 31 IN 8E. 330'N SECRIVAN SEC. 27 2N 7E. 170'N AZOTE SECRIVAN SEC. 27 2N 8E. 170'N AZOTE SECRIVAN NESC. 27 2N 2N 2N	330'N 330'W SEC NW NE Sec. 91S /E
WELL NAME & NO.	L. Keyser #2.  Merick #1N  Merick #1N  Bessie Staffod #1  Fabril #2  Resid #4  Read #4  Read #4  Read #4  Read #4  Mediew Comm #1  Mediew Fill  Mediew Fill  Mediew #1  Mediew	Whitlock "B" #1
OPERATOR	Charles Keyeer Stand Dischard Supply Co., Inc. Standment Pipe & Supply Co., Inc. Standment Company of Producers, Inc. Union Officempany of Producers, Inc. Union Officempany of Producers, Inc. Union M. Zensick of Idio F & WOI Co., John M. Zensick of Idio F & WOI Co., John M. Zensick of Idio F & WOI Co., John M. Zensick of Idio F & WOI Co., John M. Zensick of Idio F & WOI Co., John M. Zensick of Idio F & WOI Co., John M. Sensick of Idio F & WOI Co., John M. Sensick of Idio F & WOI Co., John M. W.	W. & W. Well Service Company, Inc.

7.21.75 GL424 7.78.75 GL427 7.79.75 GL441 1.47.75 GL441 1.16.75 GL441 1.16.75 GL446 4.88.75 GL436 4.88.75 GL436 4.88.75 GL436 8.91.75 GL436 8.91.75 GL436 8.91.75 GL436 8.91.75 GL436 8.91.75 GL436 8.91.75 GL436 8.92.75 GL436 9.92.75 GL436	
3140 3120 3220 3220 3220 3220 3220 3221 3221	3410 3407 3368 3284 3284 3288 3318 3318 3318 3318 3318 3318 3318
240 V 256 W SE Sac. 11 15 TE 240 S 200 K 260 W SE Sac. 11 15 TE 240 S 200 K 200 W K 26 M EW Sac. 11 55 TE 240 S 200 K 200 W K 26 M EW Sac. 11 55 TE 240 S 200 K 200 W K 26 M EW Sac. 15 S TE 240 S 200 W K 26 M EW Sac. 15 S TE 240 S 200 W K 26 M EW Sac. 20 S TE 240 S 200 W K 26 W EW Sac. 20 S TE 240 S 200 W K 26 W EW Sac. 20 S TE 240 S 200 W K 26 W W Sac. 20 S TE 240 S 200 W K 26 W W Sac. 20 S TE 240 S 200 W K 26 W W Sac. 10 S TE 240 S 200 W K 26 W W Sac. 10 S TE 240 S 200 W K 26 W W Sac. 10 S TE 240 S 200 W K 26 W W Sac. 10 S TE 240 S 200 W K 26 W W Sac. 20 S TE 155 S 200 W K 26 W Sac. 20 S TE 155 W M S 20 W W Sac. 20 S TE 155 W M S 20 W W Sac. 20 S TE 155 W M S 20 W W Sac. 20 S TE 155 W M S 20 W W Sac. 20 S TE 155 W M S 20 W W S 20 W S 20 S TE 155 W M S 20 W W S 20 W S 20 S TE 250 S 200 W M E S 20 W S 20 S TE 250 S 200 W M E S 20 W S 20 S TE 250 S 200 W M E S 20 W S 20 S S S S S 20 W M E S 20 S S S S S S S S S S S S S S S S S	990'N 66D'E SWO'S SWI NW' SE Suc. 22.75 DE. 990'S 330'W NE SWI NE SWE 18 25 TE. 990'S 330'W NE SWE WE 91'S ME. 330'S 390'W NE SWE WE 92'S ME. 330'S 390'W NE SE SWE 92'S ME. 330'S 390'W NE SE SWE 1725 ME. 330'S 390'W NE SE SWE 92'S SWE. 330'S 390'W NE SE SWE 92'S SWE. 330'S 390'W NE SWE WE 92'Z SWE. 330'S 390'W NE SWE WE 92'Z SWE. 330'S 390'W NE SWE WE 92'Z SWE. 330'S 390'W NE SWE SWE 92'Z SWE. 330'S 390'W SE SWE WE 35'S WE. 330'S 390'W NE SWE SWE 35'S WE. 330'S 390'W NE SWE SWE 13'S TE. 330'S 390'W NE SWE SWE 58'E 4'S BE. 330'S 390'W NE SWE SWE 58'E 4'S BE. 330'S 390'W NE SWE 58'E 58'S SWE 58'S SW
G. K. Morris #2. G.3WW	Balley # 174 Balley # 174 Belley # 174 Belle
Shulman Brothers Shulman Brothers Shulman Brothers Filterian Brothers Filterian Brothers Filterian Brothers Filterian Brothers G. M. Reinhold of Unit Steinhold Oil Producers G. M. Reinhold of Unit Steinhold Oil Producers G. M. Reinhold of Unit Steinhold Oil Producers Imparate Periodeum Company, Inc. Imparate Steinhold of Unit Steinhold Oil Producers Booth Oil Co., Inc. Imparate Steinhold oil Producers For Steinhold oil Producers For Steinhold oil Producers For Steinhold oil Producers M. J. Williams M. J. Williams M. J. Williams Modern Development Tost J. Roy Dee driving Illinois Mid Contrient Co. Thigh "You'l Producers Inc.	Van Reasan Associates Jack Hobson FT J. Hobson dib/a Hobson Oil Co. Jack Hobson FT J. Hobson dib/a Jack Hobson Oil Co. Jack Hobson Oil Company Rober N. Goord Libra Farinfeld Oil Co. And Coord Libra Farinfeld Oil Co. The Marker Rober Oil Co. The Rease oil Farinfeld Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Bruce dib/a Pool Oil Co. The Rossel Oil Herb Co. T

OPERATOR	WELL NAME & NO.	LOCATION	TOTAL	DATE	ELEV.
WHITE COUNTY American Pump & Supply Company	Felix "B" #2 Mak	622.5/N 207.5/W SEC SE SE NE Sec. 19 3S 8E.	3259'	10-20-75	G.L.373′ G.L.375′
American Pump & Supply Company.	Victyes #3 Victyes #3 C. A. French #2 H. G. French #1	2001/200E SWC SW NE SE Sec. 19 3S 8E 422'S 50'E NWC NW SW NW Sec. 20 3S 8E 213'N 555'E SWC NW SW NW Sec. 20 3S 8E	3217' 3375' 3375'	8-26-75 2-10-75 2-6-75	D.F.378' G.L.383'
American Pump & Supply Company.	H. G. Franch #4 Dauby #1 Frank E. Dauby #2 Mointosh #1	50/N 525/W SEC NW NW Sec. 20 33 8E. 330/N 330/W NEC NW SE Sec. 31 3S 8E. 330/S 330/E NW/C NW SE Sec. 31 3S 8E.	3380, 3380, 3380,	10-10-75 10-10-75 10-17-75	G.L.383' G.L.382' G.L.383'
American Pump B Supply Company. A. Eron d/b/a Acme Casing Pulling Co. A. Eron d/b/a Acme Casing Pulling Co.	McIntosh #2 Reeves Heirs #4 Reeves Heirs #10	330'n 330'E SWc NW SE Sec. 31 3S 8E. 465'n 436'E SWc NE Sec. 28 3S 14W. 255'S 532'E NWc SE Sec. 28 3S 14W.	3245' 2651' 2975'	7-11-75 7-11-75 7-15-75	D.F.372' G.L.365'
T. R. Fisk & W. R. Fisk d/b/a Fisk & Fisk Oil Producers	Frank Rawlinson #7	330'N 990'W SEc NW NW Sec. 29 3S 14W	3053,	11-1-75	G.L.398'
Fisk & Fisk Oil Producers Carl Royse d/b/a C.E.R. Production Co	Rawlinson #11	330'N 330'E SWc NW SW Sec. 29 3S 14W	3049' 3566' 3435'	11-3-75 5-6-75 2-18-75	G.L.402' D.F.432' G.L.469'
Snawmer entraleum co. mc. Snawmer entraleum co. mc. Henry Absher d/b/a Absher Oil Co.	John Abbey #1-A Lawrence Brown #1	330'N 330'W SEC NE SE Sec. 20 4S 9E. 330'S 330'E NWC SW NW Sec. 22 4S 9E	3319.	11-4-75	G.L.376' G.L.383'
Eden G. Nelson Eden G. Nelson Ed ov G. Nelson	M. L. Winters #1 Mary L. Winter #2 Bryant #1	330 N 330'E SWC SE Sec. 25 45'9E 330'N 330'E SWC NE SE Sec. 25 45'9E 330'N 330'E SWC NE Sec. 545'10E	3350. 3350. 3260.	1-24-75	G.L.385 G.L.380
Raymond A. Messman Richard W. Beeson	Harold Hansman #1 S. C. Potter #1-A	330'S 330'W NEC NW NW Sec. 8 4S 10E 330'S 370'W NEC SE SW Sec. 16 4S 10E 330'N 330'E SWC SE SW Sec. 16 4S 10E	3264' 3150' 3178'	11-30-75 11-28-75 11-26-75	G.L.377 G.L.374 G.L.369
Slagter Producing Corp.	Barbre-Land-Renshaw Comm. #4.	330'N 330'E SWC NW SW NW Sec. 21 4S 10E 330'N 330E SWC NW NW Sec. 21 4S 10E	2876	5-2-75 7-10-75 7-8-75	G.L.383' G.L.383' G.L.368'
Slagter Producing Corp. Slagter Producing Corp. Getty Oil Company.	C. M. Stokes #1-W. Hooser-Clark #1. E. S. Dennis "8" #1	330 N 330 E SWC NE NW 286. 21 43 10E 330 S 330 W NEC NW NW Sec. 36 45 10E 330 S 330 W NEC Frac. NE Sec. 18 45 11E	3094	14-75	G.L.398'
Gatty Oil Company. Elmer Novak Elmer Novak	O. R. Evans #22 Jemima Bond #W-10 Jemima Bond #W-11.	967'S 1190'E NWc Sec. 4 4S 14W 34'N 700'E SWc SE Sec. 5 4S 14W 34'N 5'E SWc SE Sec. 5 4S 14W	3800 2840, 2863,	8-18-75 8-14-75	G.L.378 G.L.378
Emer Novak Emer Novak Firnar Novak	J. Bond #1. Bond #1-l. Jemima Bond #W-2.	300'N 342'W SEC SE SE NE Sec. 8 4S' 14W 500'N 528'E SWW. NW NE Sec. 8 4S 14W 670'S 7'W NEC NW NE Sec. 8 4S 14W	2690' 2802' 2840'	8-7-75 8-28-75 9-11-75	G.L.380 G.L. D.F.376'
Einer Novak Einer Novak Einer Novak	Jemima Bond #W-3. Jemima Bond #8. J. J. Bond #9	1317'S 7'W NEC NW NE Sec. 8 4S 14W	2834, 2900, 2900,	9-23-75 10-1-75 7-31-75	000
Elmer Novak	J. J. Bond #12	330'N 203'E SWc NE Sec. 8 4S 14W	2834	9-13-75	D.F.3/8

DF390 61.379 61.379 61.379 61.376 61.376 61.377 61.456 61.457 61.457 61.457 61.457 61.457 61.457 61.457	G.L.382' G.L.448' G.L.472' G.L.443'	D.F.475 G.L.494 G.L.460' G.L.456' G.L.456' G.L.392'	G.L.373 G.L.468 G.L.433 G.L.444 G.L.474 G.L.370 G.L.370 G.L.366 G.L.366 G.L.368 G.L.368 G.L.368 G.L.368 G.L.368 G.L.368 G.L.368 G.L.368
2000 2000 2000 2000 2000 2000 2000 200	7-2-75 2-10-75 11-15-75 4-9-75	8-7-75 8-5-75 8-9-75 8-12-75 2-14-75 2-5-75 9-15-75	9-10-75 9-10-75 7-10-75 7-31-75 7-31-75 7-31-75 12-3-75 11-3-7
288	3300' 2446' 3243' 3034'	3020 3150 3058 2992 1319 2800 2275	2256 2843 2873 3050 1937 1937 2043 2044 2044 2045 2027 2027 2020 2026 2026 2026 2026
AND SEEN PASSES AS 14W  TOTAL SEEN PASSES AS 14W  FINAL SEEN PASSES AS	945'S 990'E NW¢ NE NW Sec. 17 6S 8E. 330'S 330'W NE NW NW Sec. 24 6S 8E. 330'N 330'E SW. NE Sec. 26 6S 8E. 330'N 30'N NE SW SW Sec. 33 6S 8E.	380°S 330°E WAS SWE SEE. 356.58 E. 330°S 330°W SEE SWE SEE. 356.58 E. 330°S 330°W NE SEE SWE SAGE 356.88 E. 330°S 330°W NE SEE SWE SAGE 356.89 E. 330°S 330°W NE SEE SWE SAGE 356.99 E. 330°S 330°E WWS SWE WWS SWE SWE SWE 356.99 E. 330°S 330°E WWS SWE WWS SWE SWE SWE 356.90 E.	330Y 330W SE SE SWW WS Sep. 1465 9E 330Y 530W MEE WE SE SEP. 256 9E 330Y 530W MEE WE SEP. 276 9E 330Y 330W SEP. 28 65 9E 330W 330W SEP. 28 65 9E 330W 330W SEP. 28 65 9E 330W 330W SEP. 28 65 10E 330W 330W SEP. 28 10E 330W 330W MEE SWW SEP. 186 10E
J. J. Borns Having. J. J. Borns Having. J. J. Borns Having. J. Borns Having. J. Borns Having. J. Borns Having. J. J. J. Borns Having. J. Borns Hav	Short #1 U. Pyle Etal #1 Green-Starr #2 Forrester Comm. #1	99 (S.A. Pearce #9)	# # W 14 W 73 W 30
Elmer Novak Elmer	J. Roy Dee, Jr. d/b/a Illinos Mid-Continent Co. P. Dee Drilling Co. Pricefelds Oil, Inc. Fletcher F. Farrar CE. E Berland d/b/s CF. E Rethan Drilling & Producting	The state of the s	July Haley (1) to July Haley (

D ELEV.	6.1438 6.1488 6.1488 6.1488 6.1488 6.1488 6.1457 6.	75 G.L.493'	75 G.L.491' 75 G.L.441' 75 G.L.388' 75 G.L.356'	75 G.L.372' 75 D.F.391'	75 G.L.412.6′	75 G.L.478' 75 G.L.533' 75 G.L.509.7'	
PLUGGED	12.9.75 12.11.75 12.47.75 17.35.75 19.13.75 19.1	6-12-75	6-12-75 5-28-75 11-5-75 3-18-75	1-12-75	7-28-75	9-16-75 8-4-75	
TOTAL	2089 2028 31311 31311 31311 31311 3111 3111 311	3115′	3110' 2929' 2665' 2975'	3044′	2995′	2726' 2765' 2745'	
LOCATION	380'N 350'E SWC SE NE Sec. 24 65 10E. 330'S 320'E SWC RW Sec. 24 65 10E. 330'S 320'E WW Sec. 24 65 10E. 330'S 320'E WW Sec. 27 8 E. 330'S 320'W MS Sec. 37 8 E. 330'S 320'W MS Sec. 37 8 E. 330'S 320'W MS Sec. 15 78 E. 330'S 320'W MS Sec. 15 78 E. 330'S 320'W MS Sec. 16 78 SEC. 16 78 SEC. 330'S 320'W MS SEC. 18 78 E. 330'S 320'W MS SEC. 18 78 E.	330'S 330'W NEc SE NW Sec. 3 7S 9E	330'sN 330'W SEc NW Sec. 3 7S 9E. 90'S 990'F WWC Sec. 10'S 9E. 330'S 330'F NWC SE. SE Sec. 16'S 9E. 330'N 330'F SWC SE NE Sec. 3 7S 10E.	330'S 330'E NW6 NE Sec. 57S 10E	163'N 120'W SEC NW NW NE Sec. 3 8S 3E	330'Y 330'W NEC NW SE Sec. 7 8S 3E. 330'N 330'W SEC NW Sec. 14 8S 3E. 330'N 330'E SWC NE Sec. 23 8S 3E.	
WELL NAME & NO.	Palestine Sand Unit #W-54 Palestine Sand Unit #W-63 Palestine Sand Unit #W-63 Leland Deboard #2 Leland Deboard #2 Lony Edwards #1 Johnson Keek Comm #1 Johnson Hell #1 Johnson Johnson #1 Johnson Hell #1 Johnso	Bertha O'Neal #1	Spencer O'Neal #2 Bailey Heirs #1. Cottonwood Tar Springs Unit #1 Skates #1.	Calvert #2A W. E. Dagley #1	Bert Wilson #1	Bone #1 Madison Coal Co. #K-4. Madison Coal Co. #1	
OPERATOR	Rheas Fletcher Trust #1 Reas Fletcher Trust #1 Reas Fletcher Trust #1 Reas Fletcher Trust #1 Reas Fletcher Trust #1 Long Acme Casing Dulling Co. D. C. Thompson dulp & D. T. Drilling Co. Energy Resources Corp. Midwestern Supply Co. Inc. Garl Bustry John B. Murvin Exon Corp. Midwestern Supply Co. Inc. Midwestern Supply	C. E. Brehm d/b/a C. E. Brehm Drilling & Producing	C. E. Berhm Offiles C. E. Berhm Drilling & Producing Rector and Stone Drilling Co. Egyptien Gas Stonege Corp. Eugene E. Morris	C. E. Brehm d/b/a C. E. Brehm Drilling & Producing James L. Browning	Bert Wilson	C. E. Brehm Ofb/a B. Behm Drilling & Producing E. Ugene E. Morris Jack W. Stroud	

# PRODUCING WELLS COMPLETED IN 1975

OPERATOR	WELL NAME & NO.	LOCATION	FORMATION	TOTAL	EST. IP DAILY	ELEV.
ADAMS COUNTY  Earnest Wright	Hendricks #1W	340'S 330'W NEC NW Sec. 2 2S 5W	Silurian	664'	ю	G.L.735′
Dolphin Operating Co., Inc.	Hilbert Comm. #2	330'S 330'W NEC NE SE NE Sec. 34 5N 4W	Penn	584	12	G.L.470′
Northwestern Oil Co., Inc. Robert H. Evans. Commanche Oil Corp. Commanche Oil Corp. Commanche Oil Corp.	H. Zindel #1 Miller #1. Dipper #1 Oripper #2. Tomlin #9.	990'N 330'V SEc SW SE Sec. 34 14N 1E. 330'N 330'E SWW NE Sec. 30 14N 2W 330'S 330'W NEC SW SE Sec. 11 15N 1W 330'N 330'W SEc SW NE Sec. 11 15N 1W	Devonian Devonian Silurian Silurian Silurian	2314' 1978' 1933' 1927' 1768'	8 10 35 60	G.L.590′ G.L.592.7′ G.L.603.1′ G.L.549′
Betima Oil Producers Ralph H. Edwards	Olen Wells #1-A Keller E #2	330'N 390'E SWc SE Sec. 13 9N 13W. 330'N 330'E SWc NW SW SW SW Sec. 34 9N 14W.	Penn	913′	2 % %	G.L.563.8'
Eldon Doty of this Republic Oil Co., Inc., Dovid F., Heritry David F., Heritry David F., Heritry Boyd Oil Co., Inc., Eldon Doty of this Republic Oil Co., Inc., Eldon Oil Co.,	F. Valberr #2.A. F. Valberr #3. F. Valberr #4. H. Valberr #4. H. Witz #1.A. Globs #1.A. Globs #1.A. Globs #1.A. Globs #1.A. Hurd #1. Lewis #4. Lewis #4. Lewis #4. Lewis #4. Lewis #4. Lewis Comm. #1. Stand Schman #1. Stand Schman #1.	330'S 330'W NEC NE NE SW Sec. 11 2N 6E 330'S 330'E SWANE SES or 11 2N 6E 330'S 330'E SWANE SES or 11 2N 6E 330'S 330'E SWANE SES or 11 2N 6E 330'N 330'E SWANE SES or 2N 7E 330'N 330'E SWAS SES OF 12N 7E 330'N 330'E SWAS SWAS SEC. 12N 7E 330'N 330'E SWAS WAS SEC. 12N 7E 330'N 330'W SES WIN WES SEC. 15N 7E 330'S 330'W SES WIN SES OF 15N 7E 330'S 330'W NEEN SES OF 15N 7E 330'S 330'W SES WANE SES OF 15N 7E 330'N 330'W SES WANE SES OF 15N 7E	MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, MCClosky, Aux Vases Aux Vase Aux Vase A	3105 3107 3167 3152 3152 3020 3136 3037 3136 3038 3038 3038 3048 3048 3048 3048 3136 3124 3124 3124 3124 3124 3124 3125 3124 3125 3125 3125 3125 3126 3126 3126 3126 3126 3126 3126 3126	235 151 151 152 152 153 153 154 155 155 155 155 155 155 155 155 155	61.489 61.487 61.487 61.487 61.487 61.487 61.448 61.443 61.443 61.443 61.444 61.444 61.444

# PRODUCING WELLS COMPLETED IN 1975

ELEV.	G.L.471′	G.L.530.77 G.L.530.27 G.L.529.87	G.L.529' G.L.523.4' G.L.457'	G.L.512' G.L.508.7'	G.L.516.3'	G.L.511.9°	G.L.473	G.L.479' G.L.469'	G.L.473	G.L.479' G.L.471' G.L.471'	G.L.535.5'	G.L.534.25' G.L.494'	G.L.503' G.L.480'		G.L.434' G.L.400' G.L.474.5' G.L.424' G.L.448' G.L.450'
EST. IP DAILY	02	216 158 220	126 114 6 3 %	126	22.8	8 ~	2	88	2	\$ ® K	18	8 E	œ œ		32 Show 6 7/ 14
TOTAL	3830.	2652' 2620' 2634'	2628' 2640' 2850'	2839	2892, 2892, 2806,	2881. 2863,	2598'	3002,	3190	3151' 3054' 2628'	2459	2438'	2582		2790' 1041' 1023' 995' 1041'
FORMATION	Salem	McClosky. McClosky. McClosky.	McClosky Rosiclare	McClosky	McClosky.	McClosky	Cypress	O'Hara	Rosiclare Rosiclare	Aux Vases Cypress	Aux Vases	Aux Vases	Cypress		Silurian Cypress Cypress Cypress Cypress
LOCATION	660'N 330'E SWc Sec. 9 2N 8E	990'S 330'E NWc SW Sec. 14 4N 5E. 990'S 330'W NEC NW SW Sec. 14 4N 5E. 951.4'N 330'E SWc Sec. 14 4N 5E.	990'N 990'E SWc Sec. 14 4N SE. 990'N 330'W SEc Sec. 15 4N SE. 990'S 330'W NEC Se Sec. 9 4N 6E. 330'N 370'W CE-NEC SEC. 90 AN RE	330N 330'F SWCNE SESEC. 20 4N 6E 330'S 330'W NEC NE SW SW Sec. 20 4N 6E	330 N 330 W SEC NW SE SBC. 20 4N 0E	330'N 250'E SWC SW SE SE Sec. 20 4N 6E 330'S 390'F NWC NW NF NW Sec. 29 4N 6F	330'S 330'E NWc SW SE Sec. 3 4N 7E. 330'N 330' SWc NE NW Sec. 10 4N 7E.	330'S 330'E NW¢ NE SE Sec. 10 4N 7E	330'S 330'W NEC NW SE Sec. 10 4N 7E. 330'N 660'W SEC NW SE Sec. 10 4N 7E.	330'S 330'W NEC NW NE Sec. 12 4N 7E 330'S 330'W NEC NW Sec. 13 4N 7E	330 5 990 W NEGSE SE Sec. 35N SE	330'S 330'E NWC NE NE Sec. 10 SN SE	990'S 660'E NWc NE SW Sec. 24 5N 7E. 330'S 330'W NEc NW NW Sec. 25 5N 7E.		az azon azowa Ser enw wake ser. 22 i razw Ben ya 300 w Ser ke Ser ser. 5 i na w azos 446 w w Nee Ser New Ser. 8 i na aw Ben Segorow Nee New Ser. 8 i na aw Ben Segorow Nee New Ser. 3 na aw HEGON 990 w Ser. Wel Reser. 3 2 na 3 w
WELL NAME & NO.	Buchanan #2 Woodside School Cons. G. H. Bissey - A #2	Gibson #1. L. Gibson #2 L. Gibson #3	L. Gibson #4 Clyde Smith #1 Blair #1.	Allan #3 The Catholic Diocese of Belleville #1	Schoonover #1	Schoonover #2	Bible-Smith Cons. #1-A.	C. Montoney #1	C. Montoney #2	J. Stanley #1.	C. Uboikowitz #2	Carter Heirs #2-A	C. Workman #1		Mary Murray #2 Kohiman #907 G, Trame #2 Alois Varet #2 Hoffman-Marcham #3.
OPERATOR	Larry A. Hudson. Union Oil Co. of California	"K" Oil, Inc. "K" Oil, Inc. "K" Oil, Inc.	"K" Oil, Inc. "K" Oil, Inc. Jet Oil Company	McKinney Oil Producer, Inc. "K" Oil, Inc.	XX. 001, 50.	( Col. Inc.	Perry Fulk Perry Fulk	Perry Fulk	Perry Fulk	Robert E. Trimpe Robert E. Trimpe	K. Oil, Inc.	Robison Oil Company	Robison Oil Company	CLINTON COUNTY	Godis S. Petrillo Elmer Obles Jr. T. R. Kenvin. Elmer Obles Jr. John F. Durnill John F. Durnill

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OPERATOR	WELL NAME & NO.	LOCATION	FORMATION	TOTAL	EST. IP DAILY	ELEV.	
EDGAR COUNTY							
Odis S. Pattillo	Zita Hukill #8. Carl Waller #5.	330'S 380'W NEC SE SW Sec. 3 13N 13W 660'N 1980'W SEC NE Sec. 4 13N 13W	Penn.	437'	4 0	G.L.692'	
EDWARDS COUNTY							
Van Fossan & Associates. Van Fossan Associates. Juniper Petroleum Corp.	V. Ibbotson #1 Vernon Ibbotson #2 Nolan #31-4 Steve Nolan #31-X	330°S 330°W NEC NW Sec. 4 IN 10E 330°N 660°W SEC NE NW Sec. 4 IN 10E 450°N 330°E SWC WN NE Sec. 4 IN 10E 15°N 275°W SEC NW NE Sec. 4 IN 10E	Aux Vases Aux Vases	3180′ 3180′ 3205′ 3356′	96 120 120	G.L.406' G.L.404' G.L.406' G.L.406'	
Juniper Petroleum Corp. Southern Triangle Oil Co.	Nolan #32-4 Roy Gill #2 Robert Koertoe #2-A	330'S 255'E NWC SW NE Sec. 4 1N 10E 1360'S 990'W NE C Sec. 31 1N 11E 330'S 331'W NE C SE Sec. 33 1N 14W	Aux Vases	3207' 2418' 3630'	. m m a	G.L.406' G.L.492' G.L.492'	
Louis A. Pessina.	Robert Koertge #2.	582'N 330'W SEC NW NE Sec. 4 15 14W 330'S 330'W NEC NE SE Sec. 4 15 14W	Salem	3296	34	G.L.401' G.L.397'	
Southern Triangle Oil Co. John M. Zanetis. Marco Oil, Inc.	Albion Cons. Tract #1-Rayl #2 Cowling Heirs #1 R. A. Messman #1-A.	500'S 500'E NWC NE NE Sec. 25.25 10E 330'S 330'W NEC SE Sec. 8 25 14W 330'S 330'W NEC SE Sec. 8 25 14W	Benoist Benoist	2993' 3087' 3050'	25 25 25	G.L.497' G.L.398' G.L.400'	
J. Roy Dee d/b/a Illinois Mid-Continent Co. & Dee Drilling Co.	Claude H. Cowling Estate #1	330'N 330'E SWc Sec. 16 2S 14W	Renault	3150′	4	G.L.405'	
Co. & Dee Offling Co.	Lawrence Cowling #2	330'S 330'W NEC NW NE Sec. 20 2S 14W.	Renault	3024	20	G.L.405'	
Co. & Dee Drilling Co. Brian Schroeder John M. Zanetis	Gladys Johnson #5 Jessie Schroeder #1 Schroeder #1	330'Y NEC Sec. 20.25 14W 330'N 330'W SEC NW SW NW Sec. 26 25 14W 330'N 330'W SEC SW Sec. 27.25 14W.	Renault Cypress	2980' 2999' 3030'	15	G.L.418' G.L.413' G.L.436'	
Gene Duncan & Herbert E. Fear d/b/a Fear & Duncan Oil Producers	Fieber #1	330'N 330'W SEc SW Sec. 29 2S 14W	Aux Vases	3258′	30	G.L.429'	
Fear & Duncan Oil Producers. Laurent Oil Company. Laurent Oil Company.	Fieber #3 Albert Walker #1. Albert Walker #2. Albert Walker #1.	990'N 555'W SEC SW Sec. 29 2S 14W. 330'N 330'E SWC SE Sec. 29 2S 14W 330'S 330'E NWC SW SE Sec. 29 2S 14W 330'S 330'F NWC WC SE SEC. 29 2S 14W	Rosiclare Rosiclare	3125' 3105' 3114'	180 180 190	G.L.443.5' G.L.426' G.L.436'	
Gene Duncan & Herbert E. Fear d/b/a Fear & Duncan Oil Producers	McGavey #1	370'N 370'E SWc Sec. 12.3S 10E	Biehl	2002.	8 8	G.L.472′	
Gene Duncan & Herbert E. Fear d/b/a Fear & Duncan Oil Producers Reymond A. Messman Ram Exploration Co.	Fieber "M" #1. Agnes McGowan #2-A McGowan-Schmittler Comm. #2.	330'N 330'W SEC NE NW Sec. Fr. 7 3S 11E 330'S 330'W NE SE NW Sec. 7 3S 11E 330'N 495'W SEC NE Fr. Sec. 7 3S 11E.	Waltersburg Waltersburg	2434' 2414' 2830'	126 35 30	G.L.460.5' G.L.432' G.L.424'	
EFFINGHAM COUNTY							
Shakespeare Oil Co., Inc	Arthur Joergens #1	660'N 330'E SWc SE SW Sec. 21 6N 7E	McClosky	2900′	30	G.L.550°	

Tricklame, Inc.   Jameer, Richards Comm. #1   3292 S.32W NE WN W. B. W. P. F.	Shakespeare Oil Co., Inc.	Arthur Joergens #2	660'N 990'E SWc SE SW Sec. 21 6N 7E	Rosiclare &	2014	6	C 1 664	
Speciation	ckenkemper Aesources of Indiana, Inc.	Jansen-Richars Comm. #1 John W. Niemerg #1. Phillips #5.	- : : :	Rosiclare Salem Cypress	2860 3186 1568	3000	G.L.543' G.L.547' G.L.606'	
Exploration         Logue Heirs #1         404'S 330'E NWC NW Sec. 37N 3E         Cryness         1612         4           Spoloration         Logue Heirs #1         330'S 330'W NEE WW Sec. 16 NN 3E         Penin'Creek         1600         15           Curn #2         Joe Wills #1         330'S 330'W NEE WW Sec. 30 NN 3E         160'S 40'S         150'S 40'S         160'S 40'S           Logue Heirs #1         330'S 330'W NEE WW Sec. 30 SS 3E         Cryness         1700'S         15           Joe Wills #2         330'S 330'W NEE WW Sec. 30 SS 3E         Cryness         1533'S         340'S 330'S           Luish Foster #3         330'S 330'W NEE WW Sec. 30 SS 3E         Aux Vasses         2866'S 530'S Awar Nee WW Sec. 20 SS 3E         Aux Vasses         350'S 330'S Awar Nee WW Sec. 20 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 20 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 20 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 20 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 30 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 30 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 30 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 30 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 30 SS 3E         Aux Vasses         330'S 330'S Awar Nee WW Sec. 17 SZ 3W         330'S 330'S Awar Nee WW Sec. 30 SW 10E         330'S 330'S Awar Nee	COUNTY							
Adams #15         330Y 330E WW. Sec. 37 NB.         Contract         Figs         15           Cum file #1         330Y 330E WW. Sec. 37 NB.         FINARE         Benores         1700         15           Low Wills #1         330Y 330E WW. Sec. 30 SB. B         Cypress         1700         15           Low Wills #1         330Y 330E WW. Sec. 30 SB. B         Cypress         1700         17           Adams #5.         371YN 718W SEC NW Sec. 30 SB. B         Aux Visses         Aux Visses         Aux Visses           Whittington South Unit Pickersi #16         650N 166W SEC SW NE Sec. 30 SB. E         Aux Visses         Aux Visses         Aux Visses           LE Monis #1         330Y 330F SW WW. Sec. 25 SB. E         Aux Visses         330         Aux Visses           Le Monis #1         330Y 330F SW WE SEC SW NE Sec. 28 SB. E         Aux Visses         330         Aux Visses           Coffer #1         330Y 330W NE SW SEC SW NE Sec. 17 SZW         Aux Visses         330         Aux Visses           Munchis #1         330Y 330W NE SW SEC SW NE Sec. 17 SZW         Aux Visses         330         Aux Visses           Munchis #1         330Y 330W SEC SW NE Sec. 17 SZW         Aux Visses         330         Aux Visses           Semple #1         330Y 330W SEC SW SEC S	ank d/b/a Petroleum Exploration	Logue Heirs #1	404'S 330'E NWc SW NW Sec. 3 7N 3E	Cypress	1612′	4	G.L.598′	
Adams #5. 371N 718'W SEC NW Sec. 30 SS 3E. DO Hara- Adams #5. 2366' SEC NN 165'W SEC SW NE Sec. 30 SS 3E. Pain Cheek Whitington South Unit (Pickens) #16 650'N 165'W SEC SW NE Sec. 30 SS 3E. Pain Cheek Uniah Foster #3 330'N 330'E SWC NW Sec. 22 ES 5E Pain Cheek E. Morris #1. 330'N 330'E SWC NW Sec. 22 ES 5E Pain Cheek E. Morris #1. 330'N 330'W NEC SW NE Sec. 18 Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 28 ES 6E. Aux Vases  Coffer #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 17 NS 2W Perty Conter #1 330'S 330'W NEC NW Sec. 5 N 10E  Martingly #4 Sec. 30'S N 10E  Dhom #4 E  Sam Bigard #1 2233'N 330'E NW Sec. 30 N 10E  Sam Bigard #1 2233'N 330'E SEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 2330'S 330'W NEC NW Sec. 30 N 10E  Sam Bigard #1 24 25 25 25 25 25 25 25 25 25 25 25 25 25	etroleum Exploration	Logue Heirs #2 Crum #5 Joe Wills #1 Joe Wills #2.	1111	Paint Creek Cypress Benoist	1633 1610 1700 1533	37 28	G.L.602.55' G.L.605.2' G.L.611' G.L.611.3'	
Adams #5. 371 N 718 W SEC NW Sec. 30 SS 3E. PO CHarstern Pain Cheek Pain Pain Pain Pain Pain Pain Pain Pain	COUNTY							
Whittington South Unit (Pickens) #16         660N 166 W SEc SW NE Sec. 30 5S 3E         Paint Creek         2966         56           Uriah Foster #3         330N 330F SWU NW SW Sec. 22 6S 5E         Aux Vasses         3400         7           LE Morris #1         330N 330F SWW SW Sec. 22 6S 5E         Aux Vasses         3300         4           LE Morris #1         330N 330F SWW Sec. 28 6S E         Aux Vasses         3300         4           LE Morris #1         330N 330F SWW Sec. 28 6S E         Aux Vasses         3300         4           Coffer #1         330N 330F SWW Sec. 28 6S E         Aux Vasses         3300         4           Coffer #2         330N 330W SEC WW Sec. 175 2W         Devonian         330F         4           Coffer #2         330N 330W SEC WW Sec. 175 2W         Devonian         330F         4           Semple #1         330N 330F WW Sec. 175 2W         Devonian         330F         4           Aux Vasses         Aux Vasses         330F         4           Bennie #1         330N 330F WW Sec. 5 BN 10E         Aux Vasses         330F         4           Bennie #1         330N 330W SEC WW Sec. 5 BN 10E         Aux Vasses         330F         4           Bennie #1         330N 330W SEC WW Sec. 30 BN 10E         McClosky	Oil Co., Inc.	Adams #5	371'N 718'W SEc NW Sec. 30 5S 3E	O'Hara- Aux Vases-				
Unit Foster #3   300 N 330°E SWc NW Swc 22 6S SE	Oil Co., Inc.	Whittington South Unit (Pickens) #16	650'N 165'W SEc SW NE Sec. 30 5S 3E	Paint Creek Hardinsburg	2966′	929	G.L.436.7' G.L.457.5'	
Uniah Foster #3         330 N 330 F SWo NW SW Sec. 22 6S SE         Aux Vasses         3400         7           E. Morins Frain Fra	HAMILTON COUNTY							
Coffer #1         330°C 330°C SWONNECNE SENE Set. 1175 2W         Devonian.         330°C 350°C SWONNECNE SENE SET. 15°C ZW           Coffer #1         330°C 330°C SWONNECNE SET. 15°C ZW         Devonian.         343°C 34           Shupe #2         30°C 330°C SWONNECNE SET. 15°C ZW         Devonian.         343°C 40           Shupe #2         330°C SWONNECNE SWONNECNECNECNECNECNECNECNECNECNECNECNECNEC	Fletcher F. Farrar Fletcher F. Farrar Gurgane E. Morris Chris Pearson. Chris Pearson.	Uriah Foster #3 Uriah Foster #4 Le. Moriis #1. Herb Johnson #3 McCallum #1	330'N 330'E SWc NW SW S4e; 22.65 EE. 230'S 330'E NWC SW SW 84e; 22.85 EE. 39'S 339'W NE NW Sec; 23.85 EE. 330'N 330'W SEC SW IEE. 23.85 EE. 330'S 330'W NE SW NE Sec; 28.65 EE.	Aux Vases Aux Vases O'Hara Aux Vases Aux Vases	3400° 3310° 3292° 3300° 3151°	7 10 4 20 35 35 35 35 35 35 35 35 35 35 35 35 35	G.L.493 G.L.465 G.L.432 G.L.391 G.L.391	
Opping         Confer #1         330V S 330V ME NE SE NE Sec. 17 75 2W         Devonian         330F         75           Portificer #2         Confer #3         330 S 330V ME NE Sec. 17 75 2W         Devonian         3431         36           Portificer #3         Shupe #2         330 S 330 E NWC Sec. 17 75 2W         Devonian         3331         40           Portificer #3         Shupe #2         330 S 330 E NWC Sec. 17 75 2W         Devonian         3337         40           Remoster #3         Shupe #2         330 S 330 E NWC Sec. 17 75 2W         Aux Verses 6         Aux Verses 6         Aux Verses 6         60           Remoster #3         Semple #1         330 N 990 W SEC SW Sec. 9 SN 10E         Aux Verses 6         Aux Verses 6         60           Robon #4 E         330 N 990 W SEC SW Sec. 9 SN 10E         McClosky         2307         8           Robon #4 E         330 N 990 W SEC SW Sec. 16 SN 10E         McClosky         2307         15           Robon #4 E         330 N 990 W SEC NW SEC MS 10E         McClosky         2300         35           Robon #4 E         330 N 960 W SEC MS 10E         McClosky         2307         15           Robon #4 E         330 N 960 W 36C MS 10E         McClosky         2307         15           Robon #4 E	ACKSON COUNTY							
Keller #9   Salem	the Oil Corp. The Oil Corp. The Oil Corp. The Oil Corp.		330'S 330'V NEc NE SE NE Sec. 11 7S 2W 330'N 330'E SWU ENE Sec. 11 7S 2W 660'N 660'E SWU ENE Sec. 11 7S 2W 330'S 330'E NWC SW NW Sec. 12 7S 2W	Devonian	3306' 3341' 3423' 3350'	£844	G.L.443' G.L.448.4' G.L.438' G.L.437'	
Keller #9.         330°S 1220°E NWV Sec. 5 SN 10E         Salem         331°         100           Martingly #4         330°N 990°V SEC SW Sec. 5 SN 10E         Aur Visse B         Aur Visse B         60           Dohom #4 E.         330°N 990°W SEC NW NW Sec. 4 6N 10E         Rosiciere         307°S         8           Sam Bigard #1         330°N 850°N SEC NW NW Sec. 166 N 10E         MrCClosky         299°         36           Zola Klinger #1-C         660°N 330°W SEC NE Sec. 30 6N 10E         MrCClosky         299°         36           Sam Bigard #1-C         660°N 330°W SEC NE SE Sec. 30 6N 10E         MrCClosky         292°         115           Sam Bigard #1-C         330°S 330°W NE NE SE Sec. 33 6N 10E         Sit. Louis F         334°         4	COUNTY							
Semple #1   330'N 990'W SEC SW Sec. 9 SN 10E   Noticesty   330'N 990'W SEC SW Sec. 9 SN 10E   Noticesty   330'N 950'W SEC SW Sec. 9 SN 10E   Studies   3175'S   317	Zanetis		330'S 1320'E NVVc SW NW Sec. 5 5N 10E. 330'S 990'E NVVc Sec. 5 5N 10E.	Salem Aux Vases &	3312′	00 8	G.L.513'	
Dhom #4-E   330VN 330W SEn NW NW Sec 46 N 10E   St. Louis 3175 8	orth and Bunn			Aux Vases Bosiclare	3320	3	6.1.504	
Sam Bigard #1-C         330′N 660′W SEC NE Sec. 30 6N 10E         McClosky.         2920°         15           Zola Kinger #1-C         660′N 330′W SEC NE SE Sec. 30 6N 10E         McClosky.         2923°         115           Sam Bigard #1-C         330′S 330′W NEC NE SE NW Sec. 33 6N 10E         St. Louis F         Additions F         4	Pierre, Sr.		330'N 330W SEC NW NW Sec. 4 6N 10E	St. Louis	3075′ 2904′ 2980′	35 38	G.L.477' G.L.541' G.L.492'	
	roduction Co	Sam Bigard #1	330'N 660'W SEc NE Sec. 30 6N 10E	McClosky	2920.	15	G.L.517'	
Sam Bigard #1-C 330'S 330'W NEc NE SE NW Sec. 33 6N 10E Sr. Louis B Aschosky 3346' 4	roduction Co.	Zola Klinger #1-C	660'N 330'W SEc NE SE Sec. 30 6N 10E	McClosky	2923.	115	G.L.519'	
	roduction Co		330'S 330'W NEC NE SE NW Sec. 33 6N 10E	St. Louis & McClosky	3346′	4		

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OPERATOR	WELL NAME & NO.	LOCATION	FORMATION	TOTAL	EST. IP DAILY	ELEV.	
Wichita Industrias, Inc. Wichita Industrias, Inc. George Parrish d/b/a Parrish Production Co.	Gregor #3. Miller #2. T. F. Bergbower Cons. #1	830'N 990'W SEc Sec. 22 7N 10E. 500'N 330'W SEc SW SE Sec. 22 7N 10E. 330'N 430'E SW CSec. 35 7N 10E.	McClosky McClosky	2730' 2770' 3053'	S 8 6	G.L.547' G.L.545' G.L.521'	
JEFFERSON COUNTY John F. Durnill Charles I Evans Charles T. Evans LAWRENCE COUNTY	Oscar Pierce #3. Bean #1. Arthur O. Voyles #1.	330'N 330'E SWc NE NW Sac. 16 15 4E. 990'S 330'W NEC Sac. 10 25 4E. 1690'S 330'E NW c Sac. 11 ZS 4E.	Salem McClosky	3239° 2976° 3061°	55 4 6	G.L.462' G.L.440' G.L.446'	
Wayne Smith Operator, Inc. Gilbert A Higgins. C Ellingskiy Uniffing Co. John M. Zanetis.	Brewoorr #1-C. Anderson Brothers #1. Anderson Brothers #2. Anderson Brothers #4. Anderson Brothers #5. NV A Davis #2. Newell #8.	330'S 660'W NEC NW SW Fr. Sec. 10 2N 11W 660'N 3370'S 540'N NW Sec. 17 2N 12W 330'S 540'E NW SEW NW Sec. 17 2N 12W 330'S 510'E NW SEW SW SEC. 17X1 12W 330'S 310'N SEW SEC. 17X1 11W 330'N 340'N SESW SEC. 173N 11W 330'N 340'N SESW SEC. 173N 11W	Cypress Tar Springs Tar Springs Waltersburg Tar Springs Cypress Cypress	1949' 1605' 1550' 1595' 1933'	12 12 12 12 12 12	G.L.405' G.L.425' G.L.426' G.L.421' G.L.424' G.L.411' G.L.408'	
G. C. Chapman of 10m L. Shirto 0/0/a Bridgaport Drilling Co., Inc.	Brashear-Gillespie Comm. #2-A E. K. Gillespie #3-A	460'N 445'E SWc SE SW Sec. 22 3N 12W 400'N 330'E SWc NE NW Sec. 27 3N 12W	Bridgeport Cypress & Benoist	1150′	30	G.L.514′ G.L.507′	
G. w. Reinhold O'lo'l a Reinhold Oil Producers. Arthur H. Schroli Energy Resources of Indiana, Inc.	E. H. Brown #3-A Crawford-Baker Unit #1 Jaspet Hayes#1 H. C. Pinkes##1	330'N 430'E SWC SE NW Sac. 14 3N 13W. 330'S 330'E NW CAN Esc. 11 4N 11W. 330'S 330'E NW CSW EN ESW	Benoist & O'Hara	2279' 1685' 1652'	42 3	G.L.529' G.L.497' G.L.474'	
Auth H. Schroll Pany Full Manthon Oil Company Wanthon Oil Company Wayne Smith Operator, Inc.	10. Chinesten #1 Prikstaff #1 Prikstaff #2 Prikstaff #2 Williamfurne #50 O. B. Lewis #7 W. R. Crackle ACC #1 #65 U. S. Crackle ACC #1 #65 U. T. Grackle ACC #1 #65 Grav-Piper Comm. #35	330 330 HELINA WELL WINN SELL THAT THAT STATE ST	McChosky	1670 1710 1672 3200 2980 2980 2960 3113 3113 3112 1865	130 130 120 120 120 120 120 120 120 120 120 12	G.L.497 G.L.477 G.L.437 G.L.440 G.L.485 G.L.485 G.L.485 G.L.509 G.L.509	
			Jackson	136C	=	G.L.434.5	

	αí	aí				in	Q,		Q,		
G.L.428' G.L.437' G.L.437'	G.L.675' G.L.688' G.L.679' G.L.674.6'	G.L.628.5′	G.L.575' G.L.575'	D.F.527'	G.L.525′ G.L.522′	D.F.524' G.L.563.5'	G.L.537.6' G.L.513'	D.F.558'	G.L.560.6' G.L.541'	D.F.537	D.F.484
04 % .	11 27 27	м	9.0	06 0	4	g 4	3 3	ო	115	12	73
1537' 1663' 1663'	2029 2195 2155 2145	. 508'	574'	3497	3400	3430′	3630′	2056	2215'	3418′	3455′
Paint Creek & Jackson	Silurian Silurian Silurian Silurian	Penn	Penn.	Devonian Silurian Warsaw Salam McClosky	Devonian	Devonian	Devonian	Aux Vases	McClosky	Devonian	Devonian
330'S 330'W NEC SE SES Sec. 2 4N 13W. 1010'N 330'E SWC SE SW NE Sec. 35 5N 13W 330'N 330'W SEC SW NE Sec. 35 5N 13W.	330'S 330'W NECNE NE SW Sec. 1 16N 1E 330'N 330'E SWO. SE Sec. 36 16N 1E 330'S 330'N NE. SE Sec. 23 17N 2E 660'S 330'E NWC NE SE Sec. 23 17N 2E.	650'S 421'E NWc SW NE Sec. 16 7N 7W	607'N 1161'W SEc SW SE Sec. 22 6N 6W	296'S 1153'W NEC SE Søc. 5 1N 2E	660'S 330'E NWC SE Sec. 6 1N ZE	720'S 350'W NEC NW NE Sec. 7 1N 2E.		330'S 330'E NWc NE SE Sec. 4 2N 2E 1100'S 1320'W NEC Sec. 4 2N 2E	330'N 430'W SEC NE SW Sec. 17 2N 2E	1014'S 289'W NEC SW Sec. 20 2N 2E	410'N 330'E SWc SE SW Sec. 28 2N 2E
M. X. Piper #035. Thacker #1 Thacker #2	Roby & Miller #1. Howard Hill #1 Philips #1. Philips #2.	Schreier #3A	Bononi Farm #7	Salem Unit O/A Tract 191 (L. Hawthorne) Well #33 Salem Unit O/A Tract 145 (J. F. Canull) Well #18	Salem Unit O/A Tract 179 Well #25 G. S. Johnson "B" Lease Salem Unit O/A (G. S. Johnson "B") Trace 179 Mell #26	Salem Unit Tract 184 Well #7 (A. N. Richardson) Salem Unit O/A Tract 217 (R. Evke) Well #72	Salem Unit O/A Tract 217 (R. Fyke) #23 Oakes #1 Toats 1   11   17   17   17   17   17   17	Tonti Unit Tract 3 #12	John Helpingstine #1	(M. Young Heirs) Well #36	Well #13 (F. M. Lee "A").
Wayne Smith, Operator, Inc. Evin O. Legg	MACON COUNTY North Western Oil Co., Inc., W, Andrew Corley Triple GOI Co., Ltd. Triple GOI Co., Ltd. MACOUPIN COUNTY	I. R. BennettMADISON COUNTY	S. B. Schenk	Texaco Inc.	Texaco Inc.	Texaco Inc.	Texaco Inc.	Texaco Inc.	Northwestern Oil Co	Texaco Inc.	

				TOTAL	EST.	
OPERATOR	WELL NAME & NO.	LOCATION	FORMATION	DEPTH	DAILY	ELEV.
Texaco Inc.	Salem Unit O/A Tract 59 (M. J. Young) Well #22	305'N 385'E SWC NE NW Sec. 29 2N 2E	Devonian	3473	4	D.F.549'
Texaco Inc	Salem Unit Ö/A Tract 58 (J. R. Young) Well #19	282'N 292'W SEc SW NE Sec. 29 2N 2E.	Devonian	3446′	89	D.F.533'
Texaco Inc.	Salem Unit Tract 121 - #7 (O. F. Hopkins)	288'S 303'E NWc NE SE Sec. 31 2N 2E	Devonian	3363,	82	D.F.480'
Paul Rossi	Storment, Etal Comm. #1	330'S 330'W NEc SW SE Sec. 30 3N 3E	McClosky	2425'	-	G.L.549'
PERRY COUNTY						
George A. Thompson	Majewski #4	330'S 990'W NEC SE NE Sec. 22 4S 1W	Cypress	1173′	-	G.L.451'
RANDOLPH COUNTY						
Jet Oil Company	C. Easdale #10Schaufler #2	330'S 305'W NEc SE NW Sec. 164S 5W. 990'N 330'E SWc SE Sec. 14S 6W.	Silurian	2300′	129	G.L.493' G.L.495'
RICHLAND COUNTY						
Juniper Petroleum Corp. Hubert W. Rose. Frank Yockey.	E. G. Ede #12X-7. Bunn #1. G. Herman #1.	380'S 1400'W NEC S', Fr. NW Sec. 7 2N 10E 330'S 330'E NWo SW Sec. 10 2N 14W 330'N 330'W SEC NE SW Sec. 4 3N 10E.	McClosky McClosky	3248' 3162' 3982'	<b>648</b>	G.L.402' G.L.440' G.L.451'
W. H. Kinsell Juniper Petroleum Corp. Bellair Oil Company John M. Zanetis	Jones #1 Lomas #14X-32 Constant #2 Constant #2	330'N 330'E SWc NE SW Sec. 21 3N 10E. 330'N 330'E SWc Sec. 32 3N 10E. 660'S 330'W NEc NW Sec. 33 3N 10E. 330'S 330'F NWc NF NE Sec. 18 4N 10E	McClosky Rosiclare McClosky.	3250' 3275' 3049'	e 555	G.L.432' G.L.446' G.L.438' G.L.511'
SALINE COUNTY						
J. Roy Dee, Jr. d/b/a Illinois Mid-Continent Co. & Dee Drilling Co Petro-Search Associates, Inc	Hill Heirs #1	330'S 330'VV NEC SW NE Sec. 36 7S 6E	Cypress	3005'	13 Gas	G.L.367' G.L.377.5'
SANGAMON COUNTY						
John Carey Oil Co., Inc. W. Andrew Corley.	Darnall Cornm. #1 Darnall Cornm. #2 Darnall Cornm. #3 V Hawk #8 Simpson Moore Cornm. #1 Strawkas #7C	I GEON LASTON SERNING SEE 61 FIND ZW. 1867N 896W SEENING SEE 61 FIND ZW. 23 JOHN 330W SEENING SEENING SEES 330W SEENING SEES 330W SEENING SEES 330W SEES 330W SEES 350W SEES 350	Silurian Silurian Silurian Silurian Silurian	1793, 1804, 1788, 1768, 1742,	588888	G.L.597 G.L.597 G.L.596 G.L.560 G.L.589 G.L.590
SHELBY COUNTY .						
Schaefer Oil Company	Strohl #3	330'N 330'E SWc NW NE Sec. 17 10N 4E	Benoist	1781,	9	G.L.607'

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G.L.636.7' G.L.643'	G.L.423' G.L.428' G.L.460' G.L.448' G.L.475'	G.L.520' G.L.399' G.L.496'	G.L.428' G.L.430' G.L.430' G.L.404' G.L.421'	G.L.397 G.L.397 G.L.468	GL 449 GL 428 GL 433 GL 424 GL 444 GL 444	G.L.405' G.L.405' G.L.404'	G.L.403 G.L.404 G.L.404 G.L.404	G.L.378' G.L.381'	G.L.381' G.L.381'
60	12 7 32 60	3 ½ 14 100	21 6 6 7 7 8 8	2525	0 8 5 5 5 5 5	35 43	86 - 88	3123	/8 62 138
1952' 2099'	2020′ 2352′ 1615′ 1610′ 3349′	2788′ 3705′ 2839′	2056, 1440, 1402, 2415, 2425, 2440, 2576,	2566′ 2572′ 3387′ 3400′	3200° 3213° 3170° 3195° 2979°	2666' 2390' 2522'	1746' 1808' 1732' 1705'	2513 2506' 2098'	2495 2582' 2618'
Aux Vases Renault	Tar Springs & Cypress Benoist Biehl Biehl O'Hara	O'Hara Warsaw Rosiclare	Bethel Biehl Biehl McClosky O'Hara O'Hara		Salem O'Hara O'Hara O'Hara Salem Salem	Benoist Cypress Pelestine Waltersburg	Biehl Biehl Biehl Cypress &	Cypress & Tar Springs Tar Springs Tar Springs Middle	Cypress Benoist & Cypress
330'N 330'E SWc SE SE Sec. 22 10N SE. 990'S 990'E NWC NE SW Sec. 27 10N SE.	330'S 1916'W NEC Sec. 2 IN 12W 33'N 330'W SE SW NE Sec. 16 IN 12W 669'S 330'W NEC W/S NE SW Se 30 IN 12W 900'S 330'W NEE W/S SW NI 12W 330'N 11TE SW NW Sec. 2 IN 13W	330'N 330'E SWC NW NW Sec. 23 1N 13W 330'N 330'E SWC NW Sec. 14 1N 14W 1650'N 990'E SWC NW Sec. 34 2N 12W	330'N 330'E SWe, NW SE See. 35 2N 12W 116'N 1370'W SE See. 32 2N 12W 60'N 1370'W SEE See. 35 2N 12W 330'N 330'W NE SW See. 19 15 12W 330'N 330'W NE SW See. 19 15 12W 330'N 330'W NE SW NE See. 19 15 12W 79ES 3398'W NE SSW PE See. 19 15 12W	330'N 1015'E SWA'NW Sec. 8 1S 13W 330'S 330'W NEWNEW SW Sec. 8 1S 13W 990'S 330'E NWA'NE NE Sec. 12 1S 13W 400'N 400'W SEC SW NE Sec. 12 1S 13W	330N 330W SE SW 646-13 15 13W 330N 330W SE SW 646-13 15 13W 330N 80E SW 618-6 14 15 13W 330 330W NE SS 90 50-14 15 13W 330 330W NE SS 90 50-14 15 13W 66-15 330W NE SS 90 50-14 15 13W 40Y 340F WW 18 15 13W 18 13W 40Y 340F WW 18 15 13W 18 13W	330'N 330'E SWc NE Sec. 31 IS 13'W 330'N 500'E SWc SE Sec. 34 IS 13'W 330'N 330'W SEc NE SW Sec. 19.25 13'W	990N 330W 5EER ESW SER 1925 13W 330N 990W SEE NE SW SER 1925 13W 900N 990W SEE NE SW SER 1925 13W 210S 996W NEE NW SEC 1925 13W 1040N 1004W SEE SW SEC 31 2S 13W	1700'N 1004'W SEC SW Sec. 31 2S 13W 330'S 990'W NEc NW Sec. 31 2S 13W 330'S 990'W SEC SENW Sec. 31 2S 13W	330'N 990'W SEC SE NW Sec. 31 2S 13W
Rincker #4 K. Zelman #1	John J. Springman #5.  Bernard Bates #1  Evo Sass #1  Gehret Et al Comm. #1	Robert Baumgarr #1 J. A. Fishal #1. Paul Earnest #1.	Springman #4. May E. Trimble Et all #5. May E. Trimble Et all #4. Ankenbrand Heirs #2. Tennes Et al Comm. #1. Tennes Et al Comm. #1.		Mounts-Pfeiffer Comm. #2 Raymond Hasse Et al #2 Elsie Whyde #1. Volf Et al #2 Lola Berberich #3 Lola Berberich #3 Losse Et al Comm. #1 Longer Et al Comm. #1	Bosecker Et al Comm. #1 E. E. Alka #4-A Betty Jo Bunting #1	Betty Jo Bunting #2 Betty Lo Bunting #3 Betty Jo Bunting #4 Clarence Schmidt #2 C B R Akin #1	Akin-Parmenter Unit #1Ekins-Parmenter Comm. #1	Parmenter #3
Doran Oil Properties W. L. Belden WABASH COUNTY	J.Roy Dee, Jr. d/b/a Illinois Md-Continent Co. B Dee Drilling Co	J. Roy Dee d'D/a llimois Mid-Continent Co. & Dee Drilling Co Louis A. Pessina. Francis L. Beard	A Key Deed Ozba Illinoso Mid-Continent CoB Dee Drilling Co Wayne Smith, Operator, Inc. Wayne Smith, Operator, Inc. Speriar Petroleum Co. Speriar Petroleum Co. Speriar Petroleum Co. Speriar Trianale Old Co.	Southern Triangle Oil Co. Southern Triangle Oil Co. Spartten Triangle Oil Co. Spartten Petrolum Co. Spartan Petroleum Co.	Spartra Petroleum Co. Spartra Petroleum Co. Spartra Petroleum Co. Spartran Petroleum Co.	Spatiar retroeun vo. Spatiar retroeun vo. John W. Alka. Gilbert A. Higgins.	Gilbert A. Higgins. Gilbert A. Higgins. Gilbert A. Higgins. Gilbert A. Higgins. Gilbert A. Higgins.	Gilbert A. Higgins. Gilbert A. Higgins. Gilbert A. Higgins.	Gilbert A. Higgins.

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OPERATOR	WELL NAME & NO.	LOCATION	FORMATION	TOTAL	EST. IP DAILY	ELEV.	
Víctor R. Gallagher	William Dunn #8	2345'S 2570'E NWc Sec. 11.3S 14W	Cypress	2570'	8	G.L.370′	
George Cultum d/b/a Cultum Oil Co George A. Thompson	Raymond Meyer #4 Maschoff #6	990'S 990'E NWc NE SW Swc. 3 IS IW. 330'S 990'W NEc SW Sw Sec. 10 IS IW.	Benoist	1378'	72	G.L.477' G.L.482'	
Robert B. Britton Union Oil Co. of California Richard W. Beeson Hubert W. Roses Hubert W. Roses Abhisson Production Inc. John M. Zanetis Borth Oil Co. Inc.	Williamson #1. Ed Brinker A #3 Felle Secrest #1. Feller Secrest #2. V Holmes #2. V Holmes #2. GRuger #1 CRuger #1	330'S 660'W NE SW NE Sec. 22 1N 6E 666'N 572'W SEC NW Sec. 14 1N 8E 330'S 330'W NE SW SE SEC. 16 N 8E 660'S 330'F NW SE SW SEC. 21 N 8E 330'N 330'W SEC SE SWW NW Sec. 27 N 8E 330'N 330'W SEC SE SE SWW NW SEC. 21 N 8E 330'N 330'W SEC SE SE SEC. 21 N 8E 330'N 330'W SEC SE SEC SE SY N 9E	McClosky. Salem Salem Salem Salem Salem Salem Maclosky.	3252 3870 3880 3741' 3775' 3834' 3260'	4 8 35 5 5 5 5 5 5 5	GL 4727 GL 4227 GL 3399 GL 3397 GL 3397 GL 4117	
Eldon Doty d/b/a Republic Oil Co., Inc.	Riggs #4.		McClosky	3165′	2 !	G.L.463'	
Eldon Doty d/b./a Bebublic Gil Co., Inc. R. L. Van Fossan Van Fossan Associates Carl Busby.	Wilkins Comm. #3 Brandon Oldham #1 Fansler #1. Sims #5	990'N 330'F SVNc SE NE Sec. 35 ZN 8E 330'S 330'W NES SW Sec. 41 S 6E 330'N 330'E SWC NW SE Sec. 14 1S 6E 330'S 330'E NWC NE SE SW Sec. 24 1S 6E	McClosky Salem Salem Aux Vases	3110' 3912' 3872' 3258'	3,36,2	G.L.439' G.L.477' G.L.429' G.L.429'	
Jack Hobson & T. J. Hobson d/b/a Hobson Oil Co Jack Hobson & T. J. Hobson	Hinkle #1	330'N 330'W SEc NE SE Sec. 10 1S 8E.	Salem	3884′	5	G.L.423'	
d/b/a Hobson Oil Co. Jack Hobson & T. J. Hobson d/b/a Hobson Oil Co.	Hinkle #2	330'N 330'E SWc NE SE Sec. 10 1S 8E	Salem	3905,	80 22	G.L.440' G.L.432'	
Jack Hobson & T. J. Hobson d/b/a Hobson Oil Coack Hobson & T. J. Hobson	Wylie #1-A	400'N 425'E SWc Sec. 11 1S 8E	St. Louis	3836,	33	G.L.432′	
d/b/a Hobson Oil Co. Jack Hobson & T. J. Hobson d/b/a Hobson Oil Co.	Wylie #2.	330'N 330'W SEC SW SW Sec. 11 1S BE	Salem	3901′	S 25	G.L.401′	
Jack Hobson & T. J. Hobson d/b/s Hobson Oil Co. John T. Mitchell. Dae V. Love.	Wylie #A-3 Harris #1 F. H. Osterman #2.	370'N 890'W SEC SW Sec. 11 1S BE 990'N 660'E SW CNW Sec. 13 1S BE 330'S 330'W NEC NW SW Sec. 13 1S BE	Cypress Salem	2748' 3778' 3904'	248	G.L.401' G.L.437' G.L.399'	
M. V. Ring	J. Kunze #1	330'N 330'E SWc NW NE Sec. 14 1S 8E	O'Hara	3920,	<del>о</del>	G.L.419' G.L.423'	

3958 6 G.L.448 3819 100 G.L.429 3819 200 G.L.436 3739 200 G.L.436 3809 100 G.L.486	3950' 120 G.L.447'	3867' 150 G.L.419'	2788 6 CL419 2886 9 3 CL414 2810 144 2790 9 CL446 2786 146 CL447 2787 240 CL447 2810 80 CL448 2810 80 CL448	3960' 150 G.L.456'	3800' 150 G.L.430'	3312' 65 G.L.454' 3980' 90 G.L.412' 3835' 30 G.L.419'	30 30 12 12 13 14 15	3400 6 G.L.425 3405 50 G.L.380 3432 20 G.L.380 3427 50 G.L.380 3427 50 G.L.380 3428 72 G.L.387 3428 42 G.L.437 4288 42 G.L.438	3989' 40 G.L.470'	2346' 47 G.L.443'	2827 10 G.L.430 3186 30 G.L.376 2565 20 G.L.381 2901 25 756 15 G.L.382
Salem Salem Salem Salem Salem	Salem	Salem	Salem Salem Salem Salem Salem Salem Salem	Salem	Salem	St. Louis Salem	McClosky Rosiclare Aux Vases Aux Vases McClosky	Aux Vases Aux Vases Rosiclare Aux Vases Aux Vases Aux Vases Warsaw	Salem	Tar Spring & Penn	Waltersburg. Aux Vases Tar Springs. Tar Springs. Degonia &
330'N 330'E SWc NE Sec. 14 1S 8E 330'S 680'ENW SSW Sec. 14 1S 8E 330'S 330'ENW SSW NE Sec. 14 1S 8E 330'S 330'ENW SSW NW Sec. 14 1S 8E 330'N 860'E SWc NW Sec. 14 1S 8E 330'N 330'E SWc NW Sec. 14 1S 8E	660'S 330'E NWc SW NE Sec. 15 1S 8E	380'S 380'E NWc SW SE Sec. 15 1S 8E	995'S 300'N NE.S ES No. 50'S 15'8 E. 330'S 300'N SWAY SEE SWAY SE SWAY SEE	890'N 330'W SEc NW SE Sec. 15 1S 8E	530'N 330'E SWc NW SE Sec. 15 1S 8E	830'N 395'W SEC NW SE Sec. 15 1S 8E. 270'N 330'W SEC SW Sec. 15 1S 8E. 380'S 330'E NWC NE Sec. 22 1S 8E.	900'S 360'F NWC SE NE Sec. 18.28 7E. 330'N 330'N SECNEW SEC. 77.5 7F. 330'N 330'N SEC SEC. 36.28 E. 330'N 330'N SECNE SEC. 36.28 E. 330'S 330'N NEGNEW SEW SEC.	330'S 330'E NWC SE NE Sec. 29 2S 9E. 990'S 330'C NWO NW NE NE Sec. 22 2S 9E. 330'S 330'E NWS SEC 31 2S 9E. 330'N 330'E NWS SEC 31 2S 9E. 330'N 330'E SWR NW Sec. 31 2S 9E.	330'S 660'E NWc SE SE Sec. 8 3S 9E	330'S 990'E NWc SE Sec. 20 3S 14W	330 S 390 E NWC SW SE Sec. 20 35 14W 330 N 330 S SWN EIS SW Sec. 21 45 9E 330 S 330 W NE SW Sec. 25 45 330 S 330 W NE SE SW SEC. 25 43 330 N 330 W SEC WW Sec. 25 45 9E
R. C. Merrick #1 J. C. Osterman #4 J. C. Osterman #5 Puckett #1 Puckett #2 Puckett #3	Ellis #1	Gillison #1	Gillison #2 Ol H. Gary #1 Kurner #274 Kurner #274 Kurner #374 Kurner #374 Fucher #377 Fucher #377 Fucher #374	Tiffany #1	Tiffany #2-A	Tiffany #3-A Wylie-Gray Unit #24X-15 M. J. Williams #1	Buchanan #1-A. Lawrence Non-Unit #2 O. Laws #1 Moore #1 Wm. Loehr, Et al #1	Fee #20 W. B. Inskep #2 V. H. Kieser #1 Vaughan #1 Vaughan - Writtmond #1 E. Musgrave #1	C. B. Walker #1	Renshaw Comm. #1	Schroader Et al Comm. #1 Caroline Morrill #1. Rebstock #5 Rebstock #6 Winter #1
M. V. Ring Noyalco, Inc. Royalco, Inc. Royalco, Inc. Richard W. Besson Richard W. Besson Richard W. Besson	d/b/a Hobson Oil Co	d/b/a Hobson Oil Co.	d (b) in the control of the control	dybandson Oil Co.	d/b/a Hobson Oil Co	d/b/a Hobson Oil Co. Juniper Petroleum Corp. Runyon Oil Exploration Inc.	July K. Wasan Dil Co. Gordon T. Jenkins Jerry E. Friend Derry Friend Donald E. Schmitt	H. H. Weinert Estate. M. J. Williams. Ruryon Oli Exploration, Inc. Van Fossan Associates. R. L. Van Fossan Jelkins Borthers.	d/b/a Hobson Oil Co	Petro-Halogen Corp.	Fisk & Fisk Oil Producers Fisk & Fisk Oil Producers Oy Oil, Inc. Coy Oil, Inc. R. O. Wilson, II.

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ELEV	6.L382 6.L381 6.L382 6.L382 6.L434	G.L.3697 G.L.3677 G.L.3677 G.L.3687	G.L.408' G.L.408' G.L.409'	GL411.55 GL394' GL463' GL457' GL457' GL382' GL368' GL378' GL378'	6.1.441
EST. IP DAILY	2 <b>8</b> 008	98 88 79 79	15 12 05	55 27 28 28 28 28 28 31 28 31 28 31 31 31 31 31 31 31 31 31 31 31 31 31	7.7
TOTAL DEPTH	2528' 2537' 2941' 3106' 2911'	3407 2830 3384' 3375'	3400' 2341' 2350'	2340' 2296' 3060' 3206' 3151' 3151' 2214' 2857' 2860' 2860'	1470'
FORMATION	Tar Springs Tar Springs Cypress Aux Vases McClosky McClosky	St. Louis O'Hara St. Louis McClosky & St. Louis St. Louis	St. Louis Tar Springs & Palestine Tar Springs Tar Springs	Tar Springs	Bridgepon
LOCATION	400N A 400'E SWC, SE See, 25 4S 9E 380'S 330'W NE'S See, 25 4S 9E 890'S 330'W NE'S See, 54S 10'B 800'S 330'W NE'S SWN NW See, 184S 4W 330'N 330'E SWN SEE, 184S 14W 330'N 330'E SWN SEE, 1858, 34S 14W	154'S 1223'E NWC NW SW Sec. 34.45 14W 330'S 330'W NE NW SW Sec. 34.5 14W 280'N 686.5 E SWC NW Sec. 34.5 14W 91'YC 327F NW NW Sec. 34.6 14W	330'S 330'Y NE NW SW Sec. 15S 10E. 330'S 330'E NW NE SW Sec. 15S 10E. 330'S 330'W NE SW NW Sec. 15S 10E.	330 N 330 W SEc SW NW Sec. 1 55 10E 330 N 330 W SEC SW RS Sec. 1 36 RE 330 S 405E RWV SE Sec. 1 36 SE 330 S 405E RWV SE Sec. 1 36 SE 330 S 330 W SE SW RS SEC. 246 SE 330 S 330 W SEW W SE SE SEC. 246 SE 330 S 330 W SEW W SEC. 246 SE 330 S 330 W M SE W SEC. 246 SE 340 S 330 W M SE W SEC. 246 SE 450 S 330 W M SE SW SEC. 246 SEC.	330'S 220'E NWG NE NW Sec. 19 6S 11E
WELL NAME & NO.	Marv L. Winter #1. Marv L. Winter #2. Kennett Waggoner #1. Hon #5. H. C Ford Eta !! E'. #4. H. C Ford Eta !! E'. #4.	H. C. Ford Et al "E" #16. H. E. Given Et al #20 H. E. Given #21.	Henry Garner Et al #1 Henry Garner #8-1 Martha Spencer Et al #1	Martha Spencer Et al #2. Genny, Wastron Unit #2. Genny, Wastron Unit #2. Austin-Farrar #2. Austin-Farrar #2. Curts Gene #1 Floos Karch #3.	#1 Ruth Wilson.
OPERATOR	Coy Oil, Inc. Coy Oil, Inc. Coy Oil, Inc. Raymond A. Messman William K. 9 Phylis Becker The Superior Oil Co. The Superior Oil Co.	The Superior Oil Co. The Superior Oil Co. The Superior Oil Co.	Slagter Producing Corp. Royal Cantrell Slagter Producing Corp.	Singter Producing Corp. Oil Investors inc Sinds Oil Corp. Rea Fletcher F. Farra Rea Fletcher Tuss # Rea Fletcher T	

### STATE OF ILLINOIS

### DEPARTMENT OF MINES AND MINERALS SPRINGFIELD, ILLINOIS

In the Matter of the Petition of Marathon Oil Company filed pursuant to Spacing Rule IV(1)(A)(2) and Illinois Revised Statutes, Chapter 104, Section 82a, for a Field-wide 40-Acre Spacing Order in the Devonian Formation for the Lawrence Field, located in parts of Townships 3, 4 and 5 North, Range 12 West, and Townships 4 and 5 North, Range 13 West, Lawrence County, Illinois.

HEARING ORDER NO. 224

### REPORT OF THE MINING BOARD

On October 29, 1975, Marathon Oil Company, an Ohio corporation, authorized to do business in the State of Illinois, filed a Petition with the Department of Mines and Minerals for a field-wide 40-acre spacing Order in the Devonian Formation for the Lawrence Field, Lawrence County, Illinois.

After due notice as provided in Illinois Revised Statutes, Chapter 104, Section 82a, and by Rules of Procedure in Public Hearings for the Department of Mines and Minerals, a public hearing was held on said Petition on November 17, 1975, in the City of Springfield, Illinois. At such hearing, before the Department of Mines and Minerals, the Petitioner submitted proof, exhibits, evidence, and testimony in support of said Petition. Other interested parties were afforded an opportunity to be heard in connection therewith.

### FINDINGS OF FACT

The Department of Mines and Minerals finds:

(1) That Marathon is the owner and operator of a substantial number of oil and gas leases in the Lawrence Field,

hereinafter delineated, and is thereby an interested party in the establishment of field-wide spacing for this field; and

- (2) That in February, 1975, commercial production was established from the Devonian Formation by Marathon in the J. B. Lewis No. 77 well, located in the Northeast Quarter of the Southwest Quarter of Section 29, Township 4 North, Range 12 West, Lawrence County, Illinois; and
- (3) That the Devonian Formation lies at a depth of less than 4,000 feet below the surface; and
- (4) That in the absence of a specific order of the Mining Board, the General Spacing Rule IV(1)(A)(b) is applicable which, in essence, provides for 20-acre drilling units for the Devonian Formation in the Lawrence Field; and
- (5) That Marathon has drilled a number of step out wells and, based on Devonian tests in the area, has determined that the Lawrence Field is delineated and located within the following area:

East Half of Section 35; Section 36, all in Township 5 North, Range 13 West; and

Southwest Quarter of Section 31, Township 5 North, Range 12 West; and

East Half of Section 2; East Half of Section 11; East Half of Section 14; Sections 1, 12, 13, 24; North Half, and Southeast Quarter of Section 25; East Half of Section 36, all in Township 4 North, Range 13 West; and

South Half, and Northwest Quarter of Section 6; Sections 7, 18, 19, 30, 31, 20 and 29; Southwest Quarter of Section 8; South Half, and Northwest Quarter of Section 17; Southwest Quarter of Section 28; West Half of Section 33; North Half, and Southeast Quarter, and West Half of Southwest Quarter of Section 32, all in Township 4 North, Range 12 West; and

Sections 6, 5 and 8; and West Half of Section 4; West Half of Section 9; Northwest Quarter of Section 16; North Half of Section 17; Northeast Quarter of Section 18; North Half, and Southeast Quarter of Section 7, all in Township 3 North, Range 12 West,

Lawrence County, Illinois, hereinafter called the "Lawrence Field"; and (6) That Marathon has, by drilling oil and gas wells and conducting production tests, transient pressure tests, and pressure interference tests, determined that one well can efficiently and economically drain a 40-acre drilling unit.

### CONCLUSIONS OF LAW

That Illinois Revised Statutes, Chapter 104, Section 82a, applies to the Petition of Marathon Oil Company and these proceedings before the Department of Mines and Minerals.

That the Department of Mines and Minerals has jurisdiction of the subject matter and the persons interested therein; that due and proper notices of the Petition and of the time, place and purpose of the hearing were given as required by law; that all interested parties were afforded an opportunity to be heard therein; and

That for the prevention of waste, to protect and enforce the correlative rights of the owners in the pool, and to prevent the drilling of unnecessary wells, this Petition should be granted.

### ORDER OF THE DEPARTMENT OF MINES AND MINERALS

It is, therefore, ordered by the Department of Mines and Minerals as follows:

- (1) That the Petition of Marathon Oil Company for an order establishing field-wide drilling units of forty (40) acres of surface area, lying within a Quarter-Quarter Section of land (as established by the United States Public Land Survey made pursuant to the provisions of an Act of Congress) for wells drilled or deepened for the production of oil and gas from the Devonian Formation, the top of which is found at a depth of 2,911 feet, as shown on the Dual Laterolog of Marathon's J. B. Lewis No. 78 well located 671 feet South and 668 feet East of the Northwest corner of the Northwest Quarter of the Southwest Quarter of Section 29, Township 4 North, Range 12 West, Lawrence County, Illinois, is hereby granted.
  - (2) That this Order shall cover the following described area:

East Half of Section 35; Section 36, all in Township 5 North, Range 13 West; and

Southwest Quarter of Section 31, Township 5 North, Range 12 West; and

East Half of Section 2; East Half of Section 11, East Half of Section 14; Sections 1, 12, 13, 24; North Half, and

Southeast Quarter of Section 25; East Half of Section 36, all in Township 4 North, Range 13 West; and

South Half, and Northwest Quarter of Section 6; Sections 7, 18, 19, 30, 31, 20 and 29; Southwest Quarter of Section 8; South Half, and Northwest Quarter of Section 17; Southwest Quarter of Section 28; West Half of Section 33; North Half, and Southeast Quarter, and West Half of Southwest Quarter of Section 32, all in Township 4 North, Range 12 West; and

Sections 6, 5 and 8; and West Half of Section 4; West Half of Section 9; Northwest Quarter of Section 16; North Half of Section 17; Northeast Quarter of Section 18; North Half, and Southeast Quarter of Section 7, all in Township 3 North, Range 12 West,

Lawrence County, Illinois.

- (3) That no more than one well may be drilled on each drilling unit established by this Order.
- (4) That the well drilled for each unit be located not less than 450 feet from the nearest external boundary lines of the drilling unit.
- (5) That all royalty interests within each separate drilling unit be integrated and that each Royalty Owner within the unit participate in the royalty from the well drilled thereon in the proportion to the interest owned by such Royalty Owner bears to the total of such interest in the entire unit.
- (6) That whenever the topographical conditions of the drilling unit render it impractical, without unreasonable expense, to drill a well at a location in conformity with the spacing rules, the Mining Board may alter the location after investigation and verification of the topographical conditions.
- (7) That in the case of irregular Sections, containing more or less than 640 acres, the Mining Board shall allow exceptions or create units in order to absorb the entire acreage in such Sections into drilling units.

DATED at Springfield, Sangamon County, Illinois, this 4th day of December, 1975, A. D.

### BY ORDER OF THE STATE MINING BOARD:

RUSSELL T. DAWE, Executive Officer

### STATE OF ILLINOIS

### DEPARTMENT OF MINES AND MINERALS SPRINGFIELD, ILLINOIS

In the matter of applications of R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production for an integration order to establish drilling units and to authorize the drilling of wells to be known as the Stoltz-Middagh Unit #1-D and the Stoltz-Middagh Unit #2-D.

HEARING ORDER NO. 223

WHEREAS, R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production, are the owners and operators of the Oil and Gas lease commonly known as the Stoltz Heirs lease of the real estate described as follows:

The West 25 acres of the East Half (E½) of the Southwest Quarter (SW¼) of Section 32, Township Four (4) North, Range Twelve (12) West, Lawrence County, Illinois.

And, WHEREAS, Marathon Oil Company is the owner and operator of the Oil and Gas lease commonly known as J. R. Middagh lease covering real estate including:

The West 15 acres of the West Half (W½) of the East Half (E½) of the Southwest Quarter (SW¼) of Section 32, Township Four (4) North, Range Twelve (12) West, Lawrence County, Illinois.

And, WHEREAS, R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production, have applied for an integration order to establish drilling units consisting of 20 acres and described as follows:

The West Half ( $W\frac{1}{2}$ ) of the Southeast Quarter ( $SE\frac{1}{4}$ ) of the Southwest Quarter ( $SW\frac{1}{4}$ ) to authorize the drilling of a well to be known as:

Stoltz-Middagh Unit #1-D to be located 660 feet North and 330 feet East of the Southwest Corner (SWc) of the Southeast Quarter (SE½) of the Southwest Quarter (SW½) of Section 32, Township Four (4) North, Range Twelve (12) West of the Second Principal Meridian, Lawrence County, Illinois;

and

The West Half ( $W\frac{1}{2}$ ) of the Northeast Quarter ( $NE\frac{1}{4}$ ) of the Southwest Quarter ( $SW\frac{1}{4}$ ) to authorize the drilling of a well to be known as:

Stoltz-Middagh Unit #2-D at a location 660 feet South and 330 feet East of the Northwest Corner (NWc) of the Northeast Quarter (NE½) of the Southwest Quarter (SW½) of Section 32, Township Four (4) North, Range Twelve (12) West of the Second Principal Meridian, Lawrence County, Illinois.

And, WHEREAS, it is contemplated that the proposed wells to be so drilled are for the production of oil from such oil bearing formations as may be encountered from the base of the McClosky Formation to the base of the Devonian Formation.

And, WHEREAS, compliance with the current spacing regulations will require the integration of the above described leaseholds into twenty acre drilling units insofar as they cover:

The West Half (W½) of the Northeast Quarter (NE¼) of the Southwest Quarter (SW¼), and the West Half (W½) of the Southeast Quarter (SE½) of the Southwest Quarter (SW¼) of Section 32, Township Four (4) North, Range Twelve (12) West, of the Second Principal Meridian, Lawrence County, Illinois.

And, WHEREAS, Marathon Oil Company has objected to such spacing and integration.

And, WHEREAS, by order of the State Mining Board a hearing on said applications for permits and objections thereto was duly held in the Office of the Division of Oil and Gas, Room 704, State Office Building, Springfield, Illinois, at 10:00 A.M. (DST) Monday, September 8, 1975.

Present at the hearing for the State Mining Board was Mr. George R. Lane, Petroleum Engineer.

And, WHEREAS, the evidence and arguments then offered on behalf of the respective parties were received and the matter taken under advisement for consideration and determination in due course.

NOW THEREFORE, pursuant to said hearing, consideration and determination, it is ordered:

1. That the objections of Marathon Oil Company be and they

are hereby overruled.

2. That the applications of R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production, for permits to drill the following described wells to be located:

Stoltz-Middagh Unit #1-D to be located 660 feet North and 330 feet East of the Southwest corner (SWc) of the Southeast Quarter (SE½) of the Southwest Quarter (SW½) of Section 32, Township Four (4) North, Range Twelve (12) West, Lawrence County, Illinois; and

Stoltz-Middagh Unit #2-D to be located 660 feet South and 330 feet East of the Northwest corner (NWc) of the Northeast Quarter (NE½) of the Southwest Quarter (SW½) of Section 32, Township Four (4) North, Range Twelve (12) West, Lawrence County, Illinois,

be and they are hereby granted.

- 3. That the separate tracts and leaseholds within the combined area hereinabove described shall be and they are hereby integrated for testing, development, maintenance and production of 20 acre drilling units as to formations from the base of the McClosky Formation to the base of the Devonian Formation.
- 4. That the resulting production shall be divided between the respective owners in the proportions that the acreage of each separate tract bears to the total unit acreage that is to say, 62.509680 per cent thereof unto R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production and their lessors, and 37.490320 per cent unto Marathon Oil Company and its lessors as such percentages have been determined by the submitted plat hereto attached and made a part hereof.
- 5. R. Gail Heath and W. R. Ewing, doing business as Heath Oil Production shall drill, equip and operate the well or wells on said units.
- 6. Unless Marathon Oil Company shall forthwith elect, by notice in writing, to voluntarily participate in the unit well or wells and undertake payment of its prorata share of the reasonable and actual costs of the drilling, completion equipment and interest, such prorata cost shall be recovered from its share of the production, until the market value thereof, exclusive of royalty, equals (1) 100% of such prorata share of costs and expenses of all surface equipment and its share of the cost of operating the well

or wells commencing with the first production and (2) 150% of its prorata share of the actual costs and expenses of drilling, testing and completing said well or wells.

DATED at Springfield, Sangamon County, Illinois, this 24th day of September, 1975, A. D.

### BY ORDER OF THE STATE MINING BOARD:

RUSSELL T. DAWE, Executive Officer



